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UNIVERSITY OF WISCONSIN, Madison, Wis., Glenn Frank, President, *F. E. Turneaure, Representative* 1914
WORCESTER POLYTECHNIC INSTITUTE, Worcester, Mass., Ralph Earle, President, *A. W. Duff, Representative* 1913
UNIVERSITY OF WYOMING, Laramie, Wyo., A. G. Crane, President, *R. L. Rhoads, Representative* 1925
Total Institutional Members 118

LIST OF INDIVIDUAL MEMBERS.

Revised to November 30, 1929.

ABBOTT, RAYMOND B., Assistant Professor of Physics, Purdue University, Lafayette, Ind. 1928

ABBOTT, ROBINSON, Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1919

ABBOTT, THOS. A., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1928

ABELL, ASHEL C., Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1929

ADAMS, COMFORT, A., Abbott and James Lawrence Professor of Engineering, Harvard Engineering School, Cambridge, Mass. 1894

ADAMS, EDWARD L., Professor of Romance Languages, University of Michigan, Ann Arbor, Mich. 1921

ADAMS, F. J., Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1912

AGG, THOMAS R., Professor of Highway Engineering, Iowa State College, Ames, Iowa 1923

AHLQUIST, ROBERT W., Instructor in Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1929

AITKENHEAD, WM., Professor of Agricultural Engineering, Purdue University, Lafayette, Ind. 1924

AKELEY, L. E., Dean of the College of Engineering and Professor of Physics, University of South Dakota, Vermillion, S. D..... 1910

ALBERT, ARTHUR L., Assistant Professor of Electrical Engineering, Oregon Agricultural College, Corvallis, Ore. 1929

ALDRICH, WM. S., American Bridge Co., M. M. Dept., Gary, Ind. 1893

ALEXANDER, MAGNUS W., President, National Industrial Conference Board, 247 Park Avenue, New York City. (*Member of Council, 1922–5.*) 1911

ALEXANDER, WILLIAM T., Instructor in Mechanical Engineering, Northeastern University, Boston, Mass. 1929

ALFORD, LEON P., Vice President, Ronald Press Company, 9 North Mountain Avenue, Montclair, N. J. 1928

ALGER, PHILIP L., Assistant to Engineering Vice-President, General Electric Company, Schenectady, N. Y. 1925

ALLEN, C. FRANK, Retired, 88 Montview St., West Roxbury, Mass. (*President, 1903–4; Secretary, 1895–7; Vice President, 1898–9; Member of Council since 1895.*) 1893

ALLEN, CHARLES L., Assistant Professor of Mechanical Engineering, The Pennsylvania State College, State College, Pa..... 1928

ALLEN, CHESTER, Professor of Civil Engineering, Michigan State College, East Lansing, Mich. 1917

ALLEN, C. M., Professor of Hydraulic Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1903

ALLEN, F. G., Professor of General Engineering Drawing, University of Colorado, Boulder, Colo. 1913

ALLISON, WILLIAM H., Instructor in Civil Engineering, Yale University, New Haven, Conn. 1928

ALVORD, HENRY B., Professor of Civil Engineering, Northeastern University, Boston, Mass. 1925

AMIDON, LEE L., Instructor in Steam and Experimental Engineering, West Virginia University, Morgantown, W. Va. 1928

ANDERSON, C. A., Instructor in Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1926

ANDERSON, D. S., Professor of Electrical Engineering, Dean of the College of Engineering, Tulane University, New Orleans, La. (*Member of Council 1926–9.*) 1900

ANDERSON, EDWARD, Associate Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1928

ANDERSON, F. PAUL, Dean of the College of Mechanical and Electrical Engineering, Professor of Mechanical Engineering and Director of the Experiment Engineering Laboratories, University of Kentucky, Lexington, Ky. 1894

ANDERSON, HERBERT J., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1928

ANDERSON, H. W., Assistant Professor of Electrical Engineering, University of Kansas, Lawrence, Kans. 1925

ANDERSON, JAMES A., Professor of Civil Engineering, Virginia Military Institute, Lexington, Va. 1922

ANDERSON, ROBERT M., Professor of Mechanical Engineering and Engineering Practice, Stevens Institute of Technology, Hoboken, N. J. 1926

ANDERSON, STEWART W., Professor of Electrical Engineering, Virginia Military Institute, Lexington, Va. 1921

ANDERSON, WILLIAM, Professor of Physics and Electrical Engineering, Rhode Island State College, Box 74, Kingston, R. I. 1910

ANDREWS, CARL B., Professor of Engineering, University of Hawaii, Honolulu, T. H. 1925

ANTHONY, G. C., Dean Emeritus, Engineering School, Tufts College, 5457 Page Blvd., St. Louis, Mo. (*President, 1913–4; Vice President, 1911–2; Member of Council, 1913–.*) 1896

ANTHONY, RICHARD L., Instructor in Mechanical Engineering, Yale University, New Haven, Conn. 1929

APPLEBY, W. R., Dean, School of Mines and Metallurgy, University of Minnesota, Minneapolis, Minn. 1913

ARCHIBALD, FRANK, Instructor in Mechanical Engineering, Rhode Island State College, Kingston, R. I. 1922
ARCHIBALD, LEON, Instructor in Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn 1919
ARDUSER, LEON P., Assistant Education Director, Brooklyn Central Y. M. C. A., Brooklyn, N. Y. 1925
ARMSBY, HENRY H., Registrar and Student Advisor, Missouri School of Mines and Metallurgy, Rolla, Mo. 1917
ARNOLD, BION J., Consulting Electrical Engineer, 585 W. Washington Blvd., Chicago, Ill. 1906
ARNOLD, DEAN M., Assistant Dean in Charge of Freshmen, Instructor in Mathematics, Duke University, Durham, N. C. 1928
ARNOLD, JAMES L., Professor of Electrical Engineering, New York University, New York City 1924
ASHBY, GEORGE F., Professor of Drawing, Northeastern University, Boston, Mass. 1926
ASHBY, JAMES C., Assistant Professor of Mechanical Engineering, University of Louisville, Louisville, Ky. 1925
ASHBY, WOODSON, Professor of Engineering, Southwestern Louisiana Institute, Lafayette, La. 1928
ASHTON, C. H., Professor of Mathematics, University of Kansas, Lawrence, Kans. 1915
ATKINSON, ALBERT A., Professor of Physics and Electrical Engineering, Ohio University, Athens, Ohio 1927
ATKINSON, THOS. W., President, Louisiana State University, Baton Rouge, La. 1907
ATTWOOD, STEPHEN S., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich..... 1926
AULT, E. STANLEY, Assistant Professor of Machine Design, Lehigh University, Bethlehem, Pa. 1925
AUTENREITH, GEORGE C., Associate Professor of Machine Design and Mechanical Drawing, College of the City of New York, New York City 1927
AVRAM, MOIS H., President, M. H. Avram Engineering Corp., 25 Broad Street, New York City 1926
AXMAN, ERNEST, Instructor in Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926
AYARS, WILLIAM S., Associate Professor of Industrial Engineering, Columbia University, New York City 1928
AYER, FRED. E., Dean, College of Engineering and Commerce, University of Akron, Akron, O. 1907
AYRES, QUINCY C., Associate Professor of Agricultural Engineering, Iowa State College, Ames, Iowa 1926
BABBITT, HAROLD E., Professor of Sanitary Engineering, University of Illinois, Urbana, Ill. 1922

BABCOCK, JOHN B., Professor of Railway and Highway Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1923

BACON, G. M., State Engineer of Utah, State Capitol, 86 B Street, Salt Lake City, Utah 1907

BACON, GEORGE P., Dean of Engineering, Professor of Physics, Tufts College, Tufts College, Mass. 1922

BAENDER, F. G., Professor and Head, Department of Mechanical Engineering, Oregon State College, Corvallis, Ore. 1928

BAGLEY, JOHN B., Professor and Head, Dept. Textile Engineering, A. & M. College of Texas, College Station, Tex. 1923

BAILEY, BENJ. F., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1920

BAILEY, CHARLES F., Engineer Director, Newport News Shipbuilding and Dry Dock Company, Newport News, Va. 1928

BAIRD, CHARLES O., JR., Instructor in Civil Engineering, Northeastern University, Boston, Mass. 1926

BAIRD, RALPH W., Assistant Professor of Agricultural Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1926

BAKER, CHESTER P., Assistant Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1926

BAKER, DOUGLAS, Instructor in Mechanical Drawing, Newark College of Engineering, Newark, N. J. 1926

BAKER, ELLIS C., Professor of Mechanical Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1925

BAKER, RAY P., Head, Dept. Arts, Science and Business Administration, Rensselaer Polytechnic Institute, Troy, N. Y. 1919

BAKER, THOMAS S., President, Carnegie Institute of Technology, Pittsburgh, Pa. 1923

BALDWIN, ORVAL J., Instructor in Engineering Drawing, University of Iowa, Iowa City, Iowa 1929

BALL, ALBERT, Professor of Physics, Cooper Union, New York, N. Y. 1908

BALL, MAX W., Petroleum Engineer, First National Bank Building, Denver, Colo. 1924

BALL, THOMAS F., Head, Department of Electrical Engineering, University of South Carolina, Columbia, S. C. 1928

BALLARD, W. C., JR., Professor of Electrical Engineering, Cornell University, Ithaca, N. Y. 1923

BALMFORD, J. ARTHUR, Instructor in Electrical Engineering, Columbia University, New York City 1929

BANGRATZ, ERNEST G., Instructor, Electrical Engineering Dept., Massachusetts Institute of Technology, Cambridge, Mass.... 1922

BANTEL, E. C. H., Professor of Civil Engineering, Assistant Dean, College of Engineering, University of Texas, Austin, Tex.... 1925

BARBA, C. E., Mechanical Engineer, Boston and Maine R. R., North Billerica, Mass. 1915

BARCLAY, STANTON D., Instructor in Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1926

BARKER, JOSEPH W., Professor and Head, Department of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1926

BARKER, CHARLES L., Instructor in Mathematics and Hydraulics, University of Minnesota, Minneapolis, Minn. 1928

BARLOW, WILLIAM E., Professor of Metallurgy and Metallography, Virginia Polytechnic Institute, Blacksburg, Va. 1910

BARNARD, W. N., Professor of Heat Power Engineering, Cornell University, Ithaca, N. Y. (*Member of Council, 1923–6.*).... 1910

BARNES, F. A., Director, School of Civil Engineering, Professor of Railroad Engineering, Cornell University, Ithaca, N. Y..... 1904

BARNES, GEORGE E., Associate Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1924

BARNES, RALPH M., Assistant Professor of Industrial Engineering, State University of Iowa, Iowa City, Iowa. 1929

BARNETT, BRINKLEY, Assistant Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1929

BARNEY, EDGAR S., Principal, Hebrew Technical Institute, 36 Stuyvesant St., New York, N. Y. 1912

BARNEY, S. E., Assistant Professor of Civil Engineering, Yale University, New Haven, Conn. 1894

BARRETT, SAMPSON K., Director, Evening Engineering Section; Professor of Illuminating Engineering, New York University, New York City 1928

BARROW, ASA C., Assistant Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1928

BARROWS, H. K., Professor of Hydraulic Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1902

BARROWS, W. E., JR., Professor of Electrical Engineering, University of Maine, Orono, Me. 1908

BARTLETT, GEORGE M., Associate Professor of Machine Design, Purdue University, Lafayette, Ind. 1928

BARTOW, EDWARD, Professor and Head, Department of Chemistry and Chemical Engineering, State University of Iowa, Iowa City, Ia. 1921

BASHIOUM, HARRISON C., Professor and Head, Dept. of Chemical Engineering, University of Pittsburgh, Pittsburgh, Pa..... 1920

BASON, GEORGE F., Professor and Head, Department of Electrical Engineering, University of North Carolina, Chapel Hill, N. C. 1929

BASS, FREDERIC, Chairman, Department of Civil Engineering, University of Minnesota, Minneapolis, Minn. (*Member of Council 1918–21.*) 1908

BATEMAN, GEORGE F., Professor in Charge, Dept. Mechanical Engineering, Cooper Union, New York City 1925

BATES, ONWARD, Civil Engineer, Retired, 934 Johns Road, Augusta, Ga. 1903

BAUER, F. S., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. 1914

BAUER, W. C., Dean and Professor of Electrical Engineering, Northwestern University, Evanston, Ill. 1910

BAUM, HARRY, Associate Professor of Electrical Engineering, College of the City of New York, New York City 1927

BAVLY, DAVID M., Associate Professor of Mechanical Engineering, North Dakota State College, Fargo, N. D. 1927

BAXTER, ROBERT A., Associate Professor of Chemistry, Colorado School of Mines, Golden, Colo. 1925

BEACH, ROBIN, Acting Head, Dept. of Electrical Engineering, The Polytechnic Institute of Brooklyn, Director of Education, Brooklyn Edison Co., Inc., Brooklyn, N. Y. 1917

BEALE, FRANK S., Assistant Professor of Mathematics, Hamilton College, Clinton, N. Y. 1922

BEAVER, J. L., Associate Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1914

BEBOUT, GAYLORD N., JR., Instructor in Rhetoric, University of Michigan, Ann Arbor, Mich. 1928

BECK, FRED J., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1929

BEEBE, GORDON A., Assistant Professor of Civil Engineering, South Dakota State School of Mines, Rapid City, S. D. 1929

BEESE, C. W., Head, Department of Industrial Engineering, The Pennsylvania State College, State College, Pa. 1925

BEGG, ROBERT B. H., Professor of Civil Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927

BEGGS, G. E., Associate Professor of Civil Engineering, Princeton University, Princeton, N. J. 1915

BEITLER, SAMUEL R., Instructor in Mechanical Engineering. The Ohio State University, Columbus, Ohio 1926

BENEDICT, H. Y., President, University of Texas, Austin, Texas.. 1906

BENNETT, C. RALPH, Instructor in English, University of Cincinnati, Cincinnati, Ohio 1925

BENNETT, DONALD M., Associate Professor of Physics, University of Louisville, Louisville, Ky. 1927

BENNETT, EDW., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. (*Member of Council, 1923–6; Vice President, 1929–30.*) 1909

BENTLEY, WALTER J., Assistant Professor of Chemical Engineering, Armour Institute of Technology, Chicago, Ill. 1923

BENTON, J. R., Professor of Physics and Electrical Engineering, and Dean of the College of Engineering, University of Florida, Gainesville, Fla. 1905

BERARD, S. J., Associate Professor of Drawing and Machine Design, Brown University, Providence, R. I. 1912
BERESFORD, HOBART, Professor and Head, Department of Agricultural Engineering, University of Idaho, Moscow, Idaho 1929
BERG, E. J., Professor of Electrical Engineering, Union University, Schenectady, N. Y. 1910
BERGEN, HAROLD B., Director of Industrial Relations, The Procter & Gamble Company, Ivorydale, Ohio 1929
BERGER, FRANZ A., Associate Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1924
BERGMAN, ELMER O., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1926
BERNARD, MIGUEL, Head, Technical Bureau, Education Department, Mexican Government, Gelati 17, Tacubaya, D. F., Mexico 1925
BERRY, C. HAROLD, Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. 1928
BERRY, CHARLES W., Professor of Heat Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1926
BERRY, EDWARD F., Associate Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1928
BERRY, H. C., Professor of Materials of Construction, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1923–6.*) 1916
BERRY, W. J., Professor and Head, Department of Mathematics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1910
BERTHET, CHARLES, Instructor in Mathematics, University of Detroit, Detroit, Mich. 1927
BETTS, ROBERT A., Assistant Professor of Electrical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1928
BEVAN, W. A., Professor of Aeronautical Engineering, Iowa State College, Ames, Iowa 1915
BEYER, ALBIN H., Professor of Civil Engineering, Columbia University, New York City 1929
BIBBER HAROLD W., Electrical Engineeer, General Electric Co., Schenectady, N. Y. 1922
BIDWELL, CHARLES C., Professor of Physics, Lehigh University, Bethlehem, Pa. 1927
BIEGLER, PHILIP S., Acting Dean; Professor of Electrical Engineering, University of Southern California, Los Angeles, Calif. 1925
BIGELOW, ROYAL G., Assistant Professor of Shop Work, Northwestern University, Evanston, Ill. 1922
BILLINGS, J. HARLAND, Professor of Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1919
BILLMYER, CARROLL D., Power Dept., Atlas Portland Cement Co., Northampton, Pa. 1917

BIRD, H. C., Professor and Chairman of Civil Engineering, Duke University, Durham, N. C. 1914

BIRD, R. M., Professor of Chemistry, University of Virginia, University, Va. 1915

BIRK, W. OTTO, Professor of English, University of Colorado, Boulder, Colo. 1920

BISHOP, C. T., Associate Professor of Structural Engineering, Yale University, New Haven, Conn. 1912

BISHOP, F. L., Professor of Physics, University of Pittsburgh, Pittsburgh, Pa. (Life Member.) (*Secretary, 1914–; Member of Council, 1912–; Secretary, Board of Investigation and Coordination, 1922–.*) 1907

BISSELL, G. W., Emeritus, Dean of Engineering, Michigan State College, P. O. Box 116, Monrovia, Calif. (*Member of Council, 1899–02; 1910–13.*) 1894

BLACK, R. M., Professor and Head, Department of Mining, University of Pittsburgh, Pittsburgh, Pa. 1912

BLACKBURN, HENRY W., Assistant Professor of Mechanical Engineering, Syracuse University, Syracuse, N. Y. 1928

BLAISDELL, A. H., Associate Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921

BLAKE, DOUGLAS, Teaching Fellow in Mechanical Engineering, Washington State College, Pullman, Wash. 1929

BLAKE, FREDERIC C., Professor of Physics, The Ohio State University, Columbus, O. 1918

BLAKESLEE, BERT N., Professor of Architecture, University of Detroit, Detroit, Mich. 1926

BLALOCK, GROVER C., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1918

BLANCHARD, A. H., Consulting Highway Engineer, 213–215 Richardson Building, Toledo, Ohio. (*Member of Council, 1916–9.*) 1902

BLISS, COLLINS P., Associate Dean, and Professor of Mechanical Engineering, New York University, University Heights, New York City 1915

BLISS, HOWARD H., Director of Engineering, Riverside Junior College, Riverside, Calif. 1923

BLISS, WILLIAM D., President, Bliss Brothers Tool Company, Milwaukee, Wis. 1926

BLISS, ZENAS R., Assistant Professor of Mechanical Engineering, Brown University, Providence, R. I. 1927

BLUMBERG, LEO, Associate Professor of Mechanical Engineering, University of Delaware, Newark, Del. 1922

BOARDMAN, H. P., Professor of Civil Engineering, Director, Engineering Experiment Station, University of Nevada, Reno, Nev. 1914

BOARDMAN, H. S., President, University of Maine, Orono, Me. (*Vice President, 1923–4; Member of Council, 1919–24.*)..... 1903

BOASE, A. J., Professor of Civil Engineering, Pennsylvania Military College, Chester, Pa. 1924

BOGARD, FRANK, Supt. Mechanical and Electrical Engineering Courses, Louisiana Industrial Institute, Ruston, La. 1914

BOGGS, ROBERT W., Mechanical Engineer, Union Carbide Company, 205 East 42d Street, New York City 1929

BOHL, LEIGHTON T., Associate Professor of Civil Engineering, Brown University, Providence, R. I. 1926

BOLE, GEORGE A., Research Professor of Ceramic Engineering, The Ohio State University, Columbus, Ohio 1928

BOLLER, SAMUEL J., JR., Assistant Professor of Engineering Drawing, Texas Technological College, Lubbock, Texas 1925

BOLTON, F. C., Dean, School of Engineering, Professor of Electrical Engineering, A. and M. College of Texas, College Station, Texas. (*Member of Council, 1919–22.*) 1910

BOOMSLITER, G. P., Professor of Mechanics, West Virginia University, Morgantown, W. Va. 1912

BOON, LEONARD F., Assistant Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1922

BOOTH, JAMES L., Instructor in Mechanics, University of Nebraska, Lincoln, Nebr. 1928

BOOTHROYD, S. L., Professor of Astronomy and Geodesy, Cornell University, Ithaca, N. Y. 1908

BORDNER, EARL R., Assistant Professor of Physics, Pennsylvania State College, State College, Pa. 1926

BORING, MAYNARD M., Industrial Service Dept., General Electric Co., Schenectady, N. Y. 1922

BOSE, SURENDRA N., Assistant Chief Electrical Engineer, The Tata Iron and Steel Co., Ltd., Jamshedpur, via. Tatanagar, B. N. Rly., India 1927

BOSTON, ORLAN W., Professor of Shop Practice, Director, Engineering Shops, University of Michigan, Ann Arbor, Mich..... 1921

BOSS, WILLIAM, Professor and Chief, Division of Agricultural Engineering, University of Minnesota, St. Paul, Minn..... 1925

BOUCHARD, HARRY, Professor of Railway Engineering, Pei Yeng University, Tientsin, China 1921

BOURKE, NORMAN T., Professor and Head, Dept. of Mechanical Engineering, University of North Dakota, Grand Forks, S. D. 1926

BOWERSOX, ERWIN R., Associate Professor of Mathematics, Montana State School of Mines, Butte, Mont. 1928

BOWLER, EDMOND W., Associate Professor and Acting Head, Department of Civil Engineering, University of New Hampshire, Durham, N. H. 1923

BOWMAN, HARRY L., Professor of Civil Engineering, Drexel Institute, Philadelphia 1922

BOWMAN, JOHN G., Chancellor, University of Pittsburgh, Pittsburgh, Pa. 1923
BOYCE, EARNEST, Associate Professor of Civil Engineering, University of Kansas, Lawrence, Kans. 1924
BOYD, ALFRED, Professor of Civil Engineering, University of North Dakota, Grand Forks, N. D. 1909
BOYD, EDWARD P., Dean of Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1924
BOYD, JAMES E., Professor of Mechanics, The Ohio State University, Columbus, O. (*Member of Council, 1911–4.*) 1907
BOYKIN, HENLEY P., Assistant Professor of Civil Engineering, Virginia Military Institute, Lexington, Va. 1927
BOYLE, A. C. JR., Chief Geologist, Union Pacific Railroad System, 305 Custer St., Laramie, Wyo. 1911
BOYLE, ROBERT W., Professor of Physics and Dean of the Faculty of Applied Science, University of Alberta, Edmonton, Canada 1923
BOYLSTON, HERBERT M., Professor of Metallurgy, Case School of Applied Science, Cleveland, O. 1921
BRACKETT, B. B., Professor of Electrical Engineering, University of South Dakota, Vermillion, S. D. 1906
BRACKETT, ELMER E., Professor of Agricultural Engineering, University of Nebraska, Lincoln, Neb. 1920
BRACKETT, R. D., Instructor in English, University of Michigan, Ann Arbor, Mich. 1923
BRADEN, CLARENCE C., Box 472, Jefferson, Texas 1923
BRADFORD, J. N., Professor of Architecture and University Architect, The Ohio State University, Columbus, O. 1896
BRADSHAW, GEORGE W., Assistant Professor of Civil Engineering, University of Kansas, Lawrence, Kans. 1924
BRAGG, EDWARD M., Professor of Naval Architecture and Marine Engineering, University of Michigan, Ann Arbor, Mich. 1920
BRAGONIER, ARTHUR T., Associate Professor of Applied Mathematics, Marshall College, Huntington, W. Va. 1926
BRAINARD, BOYD B., Associate Professor of Mechanical Engineering, Kansas State Agricultural College, Manhattan, Kansas .. 1926
BRANDEBERRY, JOHN B., Professor of Mathematics, University of Toledo, Toledo, O. 1923
BRANDES, FRED C., City Plan Engineer, 112 Mamaroneck Road, White Plains, N. Y. 1920
BRANN, BERTRAND F., Associate Professor of Chemistry, University of Maine, Orono, Me. 1926
BRATTIN, C. L., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1928
BRAUNE, G. M., Dean, School of Engineering, University of North Carolina, Chapel Hill, N. C. (*Member of Council, 1925–8; Vice President, 1928–9.*) 1914

BRAUTLECHT, C. A., Professor of Chemistry and Chemical Engineering, University of Maine, Orono, Me. 1922
BRAY, JOHN L., 42 St. Stephen St., Boston, Mass. 1925
BRAY, PAUL D., Associate Professor of Chemistry, University of Maine, Orono, Me. 1926
BRECKENRIDGE, L. P., Professor Emeritus of Mechanical Engineering, Sheffield Scientific School; The Brackens, North Ferrisburg, Vt. (*Member of Council, 1908–11; 1915–8.*) 1893
BREED, CHARLES B., Professor of Railway and Highway Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1904
BREEDLOVE, L. B., Middle West Utilities Co., 72 W. Adams St., Chicago, Ill. 1925
BRENKE, WILLIAM C., Professor of Mathematics, University of Nebraska, Lincoln, Nebr. 1929
BRENNEMAN, JESSE L., Professor and Acting Head, Department of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kansas 1929
BREWER, ALEXANDER V., Associate Professor of Mechanical Engineering, A. & M. College of Texas, College Station, Texas .. 1929
BRIDGE, L. R., Engineer, Du Pont Ammonia Corporation, Charleston, W. Va. 1929
BRIGHTMAN, CHARLES L., Professor of Physics, Syracuse University, Syracuse, N. Y. 1928
BRIGMAN, BENNETT M., Dean, Speed Scientific School, University of Louisville, Louisville, Ky. (*Member of Council, 1925–8.*) 1923
BRILL, PHILIP B., Lecturer in Industrial Management, (Associate Professor) Yale University, New Haven, Conn. 1927
BRISTOL, FRANK J., Instructor in Electrical Engineering, Cornell University, Ithaca, N. Y. 1929
BRITTAIN, M. L., President, Georgia School of Technology, Atlanta, Ga. 1927
BROCK, R. W., Dean, Faculty of Applied Science, University of British Columbia, Vancouver, B. C. 1923
BRODHEAD, JOHN A., Director, New Haven College, New Haven Conn. 1928
BROOKE, W. E., Professor and Head of Department of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1924–7.*) 1902
BROOKES, JOHN F., Director, School of Civil Engineering, Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1924
BROOKS, J. ANSEL, Professor of Mechanical Engineering, Newark College of Engineering, 561 Park Street, Montclair, N. J. 1904
BROOKS, JOHN P., President Emeritus, Clarkson College of Technology, Albion Hotel, Potsdam, N. Y. (*Member of Council, 1900–03.*) 1898

BROOKS, MORGAN, Professor Emeritus of Electrical Engineering, University of Illinois, Urbana, Ill. 1899
BROTHER AMANDUS LEO, Professor of Mechanics, Manhattan College, New York City 1928
BROTHER, A. MICHAEL, Dean of Engineering, Manhattan College, New York City 1928
BROTHER A. RAYMOND, Professor of Mechanics, Manhattan College, New York City 1928
BROTHER D. FELIX, Professor of Mathematical Physics, Manhattan College, New York City 1928
BROWN, AUBREY I., Associate Professor of Heating and Ventilating, The Ohio State University, Columbus, O. 1914
BROWN, CHARLES C., Acting Associate Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1928
BROWN, EDWARD C., Instructor in Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1922
BROWN, FREDERICK L., Associate Professor of Physics, University of Virginia, University, Va. 1926
BROWN, F. L., Professor of Applied Mechanics, University of Kansas, Lawrence, Kans. 1915
BROWN, HUGH A., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1928
BROWN, J. M., Professor of Civil Engineering, University of South Dakota, Pierre, S. D. 1916
BROWN, RALPH E., Assistant Professor of Mechanical Engineering, Rhode Island State College, Kingston, R. I. 1924
BROWN, ROBERT R. 1928
BROWN, S. LEROY, Professor of Physics, University of Texas, Austin, Tex. 1914
BROWN, WESLEY B., Associate Professor of Electrical Engineering, Vanderbilt University, Nashville, Tenn. 1926
BROWN, WILLIAM F., Lecturer in Physics, Columbia University, New York City 1928
BROWNE, WM. HAND, JR., Professor of Electrical Engineering, North Carolina College of A. and E., State College Station, Raleigh, N. C. (*Member of Council, 1916–9.*) 1899
BRUBAKER, WM. F., Assistant Professor of General Engineering Drawing, University of Colorado, Boulder, Colo. 1924
BRUCE, ROBERT, Professor of Accounting, Northeastern University, Boston, Mass. 1926
BRUCKNER, ARTHUR, Professor of Mechanical Engineering, College of the City of New York, New York City 1927
BRUMFIELD, RAY C., Assistant Professor of Civil Engineering, Cooper Union, New York City 1929
BRYANS, W. R., Professor of Mechanics and Machine Design, New York University, New York, N. Y. 1908

BRYANT, J. M., Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. (*Member of Council, 1927–30.*) 1910

BUCHANAN, JESSE E., Instructor and Testing Engineer, University of Idaho, Moscow, Idaho 1927

BUCHANAN, ROY O., Associate Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1922

BUCHER, PAUL, Assistant Professor of Steam Engineering, The Ohio State University, Columbus, Ohio 1920

BUCK, A. M., Engineering Editor, *Electric Railway Journal*, 10th Ave., at 36th St., New York, N. Y. 1910

BULGER, JOHN W., Assistant Professor of Civil Engineering, University of Akron, Akron, Ohio 1925

BULLARD, JAMES A., Professor of Mathematics, University of Vermont, Burlington, Vt. 1927

BULLEN, CHARLES V., Assistant Professor of Electrical Engineering, University of Oklahoma, Norman, Okla. 1927

BULLINGER, CLARENCE E., Associate Professor of Industrial Engineering, The Pennsylvania State College, State College, Pa. 1925

BULLOCK, WILLIAM E., Secretary, American Institute of Weights and Measures, 115 Broadway, New York, N. Y. 1917

BUNTING, ALBERT E., Assistant Professor of Practical Mechanics, University of Nebraska, Lincoln, Neb. 1928

BURDEN, HARRY P., Associate Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1921

BUREAU, E. A., Professor of Electrical Engineering, University of Kentucky, Lexington, Ky. 1923

BURGER, W. H., Professor of Civil Engineering, Northwestern University, Evanston, Ill. 1910

BURKHART, PAUL H., Supply Engineering Department, Westinghouse E. & M. Company, East Pittsburgh, Pa. 1922

BURLEY, JOHN W., Head, Machine Dept., Pratt Institute, Brooklyn, N. Y. 1926

BURPEE, F. E., Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1910

BURR, WM. H., Emeritus Professor of Civil Engineering, Columbia University, Consulting Engineer, 120 Broadway, New York, N. Y. 1893

BURSCH, WILLIAM O., Secretary, Committee on Engineering Training, General Electric Comany, Lynn, Mass. 1927

BURSLEY, JOSEPH A., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1910

BURT, FREDERICK A., Associate Professor of Geology, A. and M. College of Texas, College Station, Texas 1926

BUSBY, HIBBARD S., Director, A. French Textile School, Georgia School of Technology, Atlanta, Ga. 1926

BUSH, VANNEVAR, Professor of Electric Power Transmission, Massachusetts Institute of Technology, Cambridge, Mass. .. 1923

BUTLER, G. M., Dean, College of Mines and Engineering, Director, Arizona Bureau of Mines, University of Arizona, Tucson, Ariz. (*Member of Council, 1924–7.*) 1916

BUTLER, JOE B., Associate Professor of Civil Engineering, Missouri School of Mines and Metallurgy, Rolla, Mo. 1922

BUTTERFIELD, ARTHUR D., Professor of Mathematics and Geodesy, University of Vermont, Burlington, Vt. 1908

BUTTERFIELD, THOMAS E., 14 West Church Street, Bethlehem, Pa. 1920

BUXTON, G. F., Professor of Industrial Training, Purdue University, Lafayette, Ind. 1928

CALDERWOOD, JAS. P., Professor of Mechanical Engineering, in charge Dept. of Mechanical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1919

CALDWELL, FRANK C., Professor of Electrical Engineering, The Ohio State University, Columbus, O. (*Member of Council, 1905–8.*) 1897

CALLAN, J. A. C., Head Professor of Civil Engineering, Alabama Polytechnic Institute; State Highway Commissioner, Auburn, Ala. 1909

CALLEN, ALFRED C., Professor and Head, Department of Mining Engineering, University of Illinois, Urbana, Ill. 1926

CAMERON, HUGH, Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1928

CAMP, EDMOND W., Head, School of Textile Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929

CAMPBELL, IVOR ST. C., Professor of Electrical Engineering, Ohio Northern University, Ada, Ohio 1925

CAMPBELL, MALCOLM M., Supervising Engineer, P. O. Box 385, Montreal, Que., Canada 1919

CAMPBELL, ROBT. D., Assistant Professor of Mechanical Engineering, Southern Methodist University, Dallas, Texas 1927

CAMPOS, RAUL, Ingeniero, Avenue, Gomez Farias, 87 Coyoacan, D.F., Mexico 1926

CANAVACIOL, FRANK E., Assistant Professor of Electrical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y..... 1928

CANDEE, F. W., Assistant Professor of Mechanical Engineering, Washington State College, Pullman, Wash. 1924

CANFIELD, DONALD T., Assistant Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1925

CAPEN, S. P., Chancellor, University of Buffalo, Buffalo, N. Y.... 1917

CAREY, RICHARD F., Director, Wyomissing Trade School, Wyomissing, Pa. 1928

CARLETON, CHARLES S., Professor of Field Engineering, Director Civil Engineering Laboratory, Norwich University, Northfield, Vt. 1925

CARLSON, W. W., Professor of Shop Practice, Kansas State Agricultural College, Manhattan, Kans. 1912

CARPENTER, ARTHUR H., Assistant Professor of Metallurgy, Armour Institute of Technology, Chicago, Ill. 1927

CARPENTER, D. E., Dean of the Faculty, International Correspondence Schools, Scranton, Pa. 1919

CARPENTER, EDWARD L., Assistant Professor of Mechanical Engineering in charge of Engineering Extension, University of Tennessee, Knoxville, Tenn. 1922

CARPENTER, HUBERT V., Dean, College of Mechanic Arts and Engineering, Director, Engineering Experiment Station, State College of Washington, Pullman, Wash. (*Vice President, 1925–6.*) 1917

CARPENTER, L. G., Consulting Engineer, 702 1st National Bank Bldg., Denver, Colo. (*Member of Council, 1897–00.*) 1895

CARR, ARTHUR R., Professor and Head, Engineering Department, Chemical Engineering, College of the City of Detroit, Detroit, Mich. 1927

CARR, CLIFFORD C., Instructor in Electrical Technology, Pratt Institute, Brooklyn, N. Y. 1926

CARRUTHERS, JOHN L., Assistant Professor of Ceramic Engineering, The Ohio State University, Columbus, Ohio 1929

CARSON, W. W., Emeritus Professor of Civil Engineering, University of Tennessee, Knoxville, Tenn. 1894

CARTER, CLIFTON C., Professor of Natural and Experimental Philosophy, U. S. Military Academy, West Point, N. Y..... 1928

CARTER, HAROLD S., Professor of Civil Engineering, South Dakota State College, Brookings, S. D. 1924

CARTER, IKE N., Assistant Professor of Civil Engineering, University of Idaho, Moscow, Idaho 1925

CARTY, J. J., Vice President, American-Telephone and Telegraph Co., 195 Broadway, New York, N. Y. 1907

CARVIN, FRANK D., Assistant Professor of Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925

CARY, EDWARD R., Professor of Railway Engineering and Geodesy, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

CASE, GEO. W., Dean, College of Technology, Director, Engineering Experiment Station, University of New Hampshire, Durham, N. H. 1914

CATON, JOHN J., Professor of Automotive Engineering, University of Detroit, Detroit, Mich. 1926

CATTELL, JAMES L., Head, Modern Language Department, Purdue University, Lafayette, Ind. 1928

CAUGHEY, R. A., Associate Professor of Structural Engineering, Iowa State College, Ames, Iowa 1911

CAULFIELD, JOHN G. L., Instructor in Chemistry, University of Maine, Orono, Me. 1926

CAVERLEY, L. C., Assistant Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1927

CAYWOOD, THOS. G., Associate Professor of Descriptive Geometry and Drawing, State University of Iowa, Iowa City, Iowa.... 1923

CHALLENDER, RALPH T., Associate Professor of Mechanical Engineering, Montana State College, Bozeman, Mont. 1925

CHAMBERS, SHERMAN D., Associate Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1921

CHAMBLISS, HARDEE, Professor of Chemistry, Dean, School of Sciences, The Catholic University of America, Washington, D. C. 1925

CHANDLEE, GROVER C., Professor of Chemistry, The Pennsylvania State College, State College, Pa. 1926

CHANDLER, E. F., Professor of Civil Engineering and Dean, College of Engineering, University of North Dakota, University, N. D. 1907

CHARLES, ROLLIN L., Professor of Physics and Electricity, Franklin and Marshall College, Lancaster, Pa. 1914

CHARTERS, WERRETT W., Director, Bureau of Educational Research, The Ohio State University, Columbus, Ohio 1921

CHASE, C. H., Professor of Steam Engineering, Tufts College, Tufts College, Mass. 1900

CHATBURN, G. R., Professor and Chairman of the Department of Applied Mechanics and Machine Design, University of Nebraska, Lincoln, Nebr. (*President, 1916–7; Vice President, 1915–6; Member of Council, 1912–.*) 1899

CHATELAIN, MIKAEL, Professor of Electrical Engineering, Polytechnic Institute, Leningrad, Russia 1928

CHATFIELD, CHARLES H., Aeronautical Engineer, The Pratt & Whitney Aircraft Company, Hartford, Conn. 1926

CHEEK, FRANK J., JR., Associate Professor of Applied Mechanics and Structural Design, Kansas State Agricultural College, Manhattan, Kans. 1924

CHEN, YU FONG, President, Kiangsen Technical College, Fu-Chen Bridge, Nanking, China 1925

CHILES, GEORGE S., Mechanical Engineer, Scullin Steel Company, St. Louis, Mo. 1919

CHILLMAN, EDWARD F., Professor of Descriptive Geometry, Stereotomy and Drawing, Rensselaer Polytechnic Institute, Troy, N. Y. 1920

CHRISTIE, A. G., Professor of Mechanical Engineering, The Johns Hopkins University, Baltimore, Md. 1923

CHURCH, EARL F., Assistant Professor of Applied Mathematics, Syracuse University, Syracuse, N. Y. 1927

CHURCH, EDWIN F., JR., Professor of Mechanical Engineering, The Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1910

CHURCHILL, HARRY D., Assistant Professor of Mechanics, Case School of Applied Science, Cleveland, Ohio 1925

CISSEL, J. H., Associate Professor of Structural Engineering, University of Michigan, Ann Arbor, Mich. 1920

CLAPP, JOHN M., Editor, The Ronald Press Company; Lecturer in Retailing, New York University; 15 East 26 Street, New York City 1928

CLARK, EDGAR C., Instructor in Mechanics, The Ohio State University, Columbus, Ohio 1928

CLARK, EDWIN E., Assistant Professor of Electrical Engineering, South Dakota School of Mines, Rapid City, S. D. 1922

CLARK, J. C., Professor of Electrical Engineering, University of Arizona, Tucson, Ariz. 1912

CLARK, LEROY W., Professor of Mechanics, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

CLARKE, ELWYN L., Professor of Civil Engineering, Clemson College, Clemson College, S. C. 1921

CLEGHORN, M. P., Professor of Mechanical Engineering, Iowa State College, Ames, Ia. 1910

CLIFFORD, H. E., Gordon McKay Professor of Electrical Engineering, Harvard University, Cambridge, Mass. 1907

CLOKE, PAUL, Dean, College of Technology, University of Maine, Orono, Me. (*Member of Council, 1928–31.*) 1919

CLOUSE, JOHN H., Instructor in Mechanical Engineering, University of Notre Dame, Notre Dame, Ind. 1927

CLOWER, JAMES I., Instructor in Mechanical Engineering, The Pennsylvania State College, State College, Pa. 1925

CLOYD, EDWARD L., Dean of Students, North Carolina State College of A. & E., College Station, Raleigh, N. C. 1920

CLUTZ, FRANK H., B. F. Blough Professor of Civil Engineering, Gettysburgh College, Gettysburgh, Pa. 1922

COAHRAN, J. M., Practicing Engineer, Box 447, Smethport, Pa. 1916

COBB, COLLIER, Professor and Head of the Department of Geology and Mineralogy, University of North Carolina, Chapel Hill, N. C. 1916

COBLEIGH, W. M., Dean of Engineering, Professor of Chemical Engineering, Montana State College, Bozeman, Mont. 1929

COBURN, THEODORE, John Wiley and Sons, Inc., 440 Fourth Avenue, New York City 1925

CODDINGTON, E. F., Professor of Geodetic Engineering, The Ohio State University, Columbus, O. (*Member of Council, 1919–22.*) 1911

CODWISE, HENRY R., Associate Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1914

COLBY, WHITNEY C., Supervisor of Training, Standard Oil Company of N. J., 26 Broadway, New York City 1929

COLE, ARTHUR W., Professor of Steam Engineering, Purdue University, Lafayette, Ind. 1926

COLER, CARL S., Manager, Educational Department, Westinghouse E. & M. Co., East Pittsburgh, Pa. (*Member of Council, 1928–31.*) 1919

COLLIER, IRA L., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1924

COLLYER, NORMAN, Assistant Secretary, Paramount Famous Lasky Corporation, Paramount Building, Times Square, New York City 1919

COLSTON, ALBERT L., Principal, Brooklyn Technical High School, 49 Flatbush Ave., Ext., Brooklyn, N. Y. 1926

COMSTOCK, CLARENCE E., Professor of Mathematics, Bradley Polytechnic Institute, Peoria, Ill. 1909

COMSTOCK, E. H., Professor of Mine Plant and Mechanics, School of Mines, University of Minnesota, Minneapolis, Minn..... 1907

CONKLING, L. D., Professor of Civil Engineering, Montana State A. & M. College, Bozeman, Mont. 1912

CONLEY, WILLIAM J., Professor of Applied Mechanics, University of Rochester, Rochester, N. Y. 1929

CONNELLEY, CLIFFORD B., Director of Industrial Relations, Carnegie Institute of Technology, Pittsburgh, Pa. 1924

CONNER, S. L., Associate Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1912

CONRAD, ALBERT G., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1929

CONRAD, L. E., Professor of Civil Engineering, Kansas State Agricultural College, Manhattan, Kans..... 1908

CONSOLIVER, EARL L., Associate Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1918

CONSTANT, F. H., Professor of Civil Engineering, Princeton University, Princeton, N. J. (*Vice President, 1915–6; Member of Council, 1909–12.*) 1896

CONVERSE, FREDERICK J., Instructor in Civil Engineering, California Institute of Technology, Pasadena, Calif..... 1927

CONWELL, WALTER L., Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1928

COOK, A. L., Supervisor and Head of the Dept. of Industrial Electrical Engineering, Pratt Institute, Brooklyn, N. Y..... 1913

COOKE, MORRIS L., Consulting Engineer in Management, 1713 Sansom St., Philadelphia, Pa. 1910

COOLBAUGH, MELVILLE F., President, Colorado School of Mines, Golden, Colo. 1925
COOLEY, M. E., Dean Emeritus, University of Michigan, Ann Arbor, Mich. (*President, 1920–1; Vice President, 1908–9; Member of Council, 1893–4; 1907–10; 1920–; Member, Board of Investigation and Coordinations, 1922–8.*) 1893
COOLIDGE, JOSEPH A., Professor of Physics, Northeastern University, Boston, Mass. 1928
COOLIDGE, WARREN A., Assistant Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1929
COOPER, CHARLES D., Assistant Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio 1929
COOPER, FRANK L., Instructor in Physics, Yale University, New Haven, Conn. 1912
COOVER, MERVIN S., Associate Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1923
COPLEY, JOHN O., Vocational Guidance and Shop, Meriden, Conn. 1926
COPERSMITH, C. W., Associate Professor of Machine Design, Case School of Applied Science, Cleveland, O. 1915
CORCORAN, GEORGE F., Associate Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kansas. 1926
CORNELL, MILTON L., President, Cornell Iron Works, Inc., 3600 13th Street, Long Island City, N. Y. 1926
CORNELL, W. R., Professor of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1910
CORRELL, J. A., Professor of Electrical Engineering, University of Texas, Austin, Texas 1923
CORY, C. L., Dean, College of Mechanics and Professor of Electrical Engineering, University of California, Berkeley, Calif. (*Member of Council, 1915–8.*) 1915
COSTA, JOHN J., Professor of Civil Engineering, Manhattan College, New York City 1927
COTTRELL, SAMUEL, Nonsanto Chemical Company, Nonsanto, Ill. 1926
COX, WILLIAM J., Assistant Professor of Engineering Mechanics, Yale University, New Haven, Conn..... 1927
COYLE, JOHN L., Director of Shop Practice, University of Delaware, Newark, Del. 1928
CRAIG, DUDLEY P., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1923
CRAIN, L. D., Professor of Mechanical Engineering, Head of Department, Colorado Agricultural College, Ft. Collins, Colo.... 1918
CRANDELL, JOHN S., Professor of Highway Engineering, University of Illinois, Urbana, Ill 1926
CRANE, THEODORE, Associate Professor of Building Construction, Yale University, New Haven, Conn. 1925

1925 CRAWFORD, CHARLES W., Professor and Head, Department of Mechanical Engineering, A. & M. College of Texas, College Station, Tex. 1923

CRAWFORD, D. F., Consulting Engineer, 5243 Ellsworth Avenue, Pittsburgh, Pa. 1914

1893 CRAWFORD, IVAN C., Dean, College of Engineering, Professor of Civil Engineering, Director, Engineering Experiment Station,

1928 University of Idaho, Moscow, Idaho. (*Member of Council, 1929–32.*) 1913

1929 CRAWFORD, W. W., Instructor in Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1926

1929 CREAGER, PAUL S., Assistant Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1923

1912 CREAGMILE, WM. B., 212 Cleveland Ave., Norwood, Pa. 1909

1923 CREAMER, JOHN J., Instructor in English, University of Minnesota, Minneapolis, Minn. 1925

1926 CREAMER, WALTER J., JR., Associate Professor of Electrical Engineering, University of Maine, Orono, Me. 1922

1915 CREEK, HERBERT L., Professor of English, Purdue University, Lafayette, Ind. 1922

1926 CREIGHTON, W. H. P., Professor of Mechanical and Sugar Engineering, Tulane University, New Orleans, La. 1893

1926 CRENSHAW, JOHN B., Professor of Modern Languages, Georgia School of Technology, Atlanta, Ga. 1924

1910 CROCKETT, CHAS. W., Professor of Mathematics and Astronomy, Rensselaer Polytechnic Institute, Troy, N. Y. 1912

1923 CROFOOT, GEORGE E., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1919

CROSBY, W. W., Consulting Engineer, P. O. Box 232, Coronado,

1915 Calif. 1911

CROSS, CHARLES N., Associate Professor of Mechanical Engineer-

1927 ing, Stanford University, Stanford University, Calif. 1928

1926 CROSS, HARDY, Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1912

1927 CROSSMAN, RALPH S., Associate in General Engineering Drawing, University of Illinois, Urbana, Ill. 1919

1928 CROTHERS, H. M., Dean, Division of Engineering, Professor of Electrical Engineering, South Dakota State College, Brook-

1923 ings, S. D. 1923

1918 CROUCH, C. H., Mechanical Engineer, E. L. Phillips & Co., Room 1665, 50 Church St., New York City. (*Member of Council, 1911–4; 1915–8.*) 1907

1926 CROUSE, CHARLES S., Head, Mining and Metallurgical Engineering, University of Kentucky, Lexington, Ky. 1929

1925 CRUIKSHANK, BARTON, Instructor in Engineering Laboratory, University of Idaho, Moscow, Idaho 1929

CUEVAS, JOSE A., Director, Faculty, National School of Engineering, Mexico City, Mexico 1926
CULLIMORE, ALLAN R., Director, College of Engineering, Newark, N. J. 1914
CUNNINGHAM, JOHN B., Professor of Metallurgy, University of Arizona, Tucson, Ariz. 1923
CURFMAN, LAWRENCE E., Professor of Mathematics, Kansas State Teachers College, Pittsburg, Kansas 1927
CURRY, WALTER A., Assistant Professor of Electrical Engineering, Columbia University, New York City 1928
CURTIS, DONALD D., Professor of Mechanics, Clemson College, Clemson College, S. C. 1923
CURTNER, D. L., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1921
CUSHMAN, PAUL A., Professor and Head, Department of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1922
CUSHMAN, ROBERT A., Instructor in Electrical Engineering, University of Nebraska, Lincoln, Nebraska 1925
CUTLER, A. S., Professor of Railway Engineering, University of Minnesota, Minneapolis, Minn. 1926
CUTSHALL, CHESTER S., Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1924
DAGGETT, P. H., Dean, College of Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1921–4.*) 1910
DAKE, CHARLES LAURENCE, Professor of Geology, School of Mines and Metallurgy, Rolla, Mo. 1919
DAKE, EARL D., Professor of Civil Engineering, South Dakota State School of Mines, Rapid City, S. D. 1929
DALAKER, HANS H., Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1922
DALE, R. BURDETTE, Head Instructor in Machine Design, Pratt Institute, Brooklyn, N. Y. 1921
DANA, FOREST C., Professor of Engineering Problems, Iowa State College, Ames, Iowa 1923
DANA, W. J., Professor of Experimental Engineering, North Carolina State College, Raleigh, N. C. 1923
DANFORTH, R. H., Professor of Mechanics and Hydraulics in charge of the Warner Laboratories, Case School of Applied Science, Cleveland, O. 1914
DANIEL, CHARLES M., Assistant Professor of Mechanical Engineering, University of Virginia, University, Va. 1926
DANIELS, JOSEPH, Professor of Mining Engineering and Metallurgy, University of Washington, Seattle, Wash. 1910
DANILOFF, MICHAEL, Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1928

DATES, HENRY B., Professor of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio 1929
DAUGHERTY, ROBERT L., Professor of Mechanical Engineering, California Institute of Technology, Pasadena, Calif. 1919
DAVIDSON, FREDERIC A., General Manager, Chesebro-Whitman Co., Inc., Long Island City, N. Y. 1929
DAVIDSON, J. BROWNLEE, Professor and Head, Department of Agricultural Engineering, Iowa State College, Ames, Iowa... 1915
DAVIDSON, M. W., Professor and Head, Dept. of Mechanical Engineering, University of South Dakota, Vermillion, S. D. 1917
DAVIES, C. E., Assistant Secretary, American Society of Mechanical Engineers, 29 West 39th Street, New York City 1925
DAVIS, DAVID E., Mechanical Engineer, Westinghouse Company, 1421 Lincoln Avenue, Moores, Pa. 1925
DAVIS, EDMUND P., 228 Willoughby Avenue, Brooklyn, N. Y..... 1926
DAVIS, GEO. JACOB, JR., Dean and Professor of Civil Engineering, University of Alabama, University, Ala. 1913
DAVIS, HALLAM W., Professor and Head, Department of English, Kansas State Agricultural College, Manhattan, Kans..... 1929
DAVIS, HARVEY N., President, Stevens Institute of Technology, Hoboken, N. J. 1929
DAVIS, HOWARD L., Director of Technical Employment and Training, New York Telephone Co., 140 West Street, New York City 1929
DAVIS, RAYMOND E., Professor of Civil Engineering, University of California, Berkeley, Calif. 1913
DAWES, CHESTER L., Assistant Professor of Electrical Engineering, Harvard University, Cambridge, Mass. 1915
DAWES, LYMAN M., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1926
DAWLEY, E. R., Associate Professor of Applied Mechanics, Kansas State Agricultural College, Manhattan, Kans. 1926
DAWSON, F. M., Professor of Hydraulics, University of Wisconsin, Madison, Wis. 1923
DAY, CHARLES, President, Day & Zimmerman, Inc., Engineers, 1600 Walnut St., Philadelphia, Pa. 1911
DAY, HAROLD P. S., Plant Supervisor, Wisconsin Telephone Company, 494 53 Street, Milwaukee, Wis. 1928
DEARBORN, R. H., Professor of Electrical Engineering, Oregon Agricultural College, Corvallis, Ore. 1917
DE BAUFRE, WM. L., Technical Adviser, International Combustion Engineering Corp., 191 Doremus Avenue, Newark, N. J..... 1920
DECKER, ARTHUR J., Professor of Sanitary Engineering, University of Michigan, Ann Arbor, Mich. 1926
DEPOE, L. M., Professor of Mechanics, University of Missouri, Columbia, Mo. 1904

DeJuhasz, Kalman J., Instructor in Mechanical Engineering, The Pennsylvania State College, State College, Pa. 1927
DeLay, Frederic A., Research Engineer, 850 N. Van Ness Avenue, Santa Ana, Calif. 1909
Demorest, D. J., Professor of Metallurgy, The Ohio State University, Columbus, O. 1913
Deneen, David J., Instructor in Architecture, University of Minnesota, Minneapolis, Minn. 1927
Dennison, B. C., Professor of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1926
Dent, John A., Professor and Head, Department of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1911
Denton, F. W., Retired, 240 College Avenue, Houghton, Mich. .. 1894
Denton, W. W., Assistant Professor of Mathematics, University of Michigan, Ann Arbor; 4211 3d Ave., Detroit, Mich..... 1926
Derby, Frank H., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1922
Derickson, Donald, Professor of Civil Engineering, Tulane University of La., New Orleans, La. 1922
Derleth, Chas., Jr., Professor of Civil Engineering and Dean of the College of Civil Engineering, University of California, Berkeley, Calif. 1904
Dibert, Herbert M., Secretary and Treasurer, W. & L. E. Gurley, Troy, N. Y. 1913
Dickinson, Leonard P., Professor of Electrical Engineering, University of Vermont, Burlington, Vt. 1914
Dickor, John B., Supt. of Shops, University of Kentucky, Lexington, Ky. 1925
Diederichs, Herman, Director, Sibley School of Mechanical Engineering and Professor of Experimental Engineering, Cornell University, Ithaca, N. Y. 1915
Diefendorf, Adelbert, Associate Professor of Civil Engineering, University of New Mexico, Albuquerque, N. M. 1922
Diemer, Hugo, Director, Management Courses and Personnel, La Salle Extension University, Chicago, Ill. 1902
Dietrich, John J., Instructor in Woodshop Pattern Making, Purdue University, Lafayette, Ind. 1922
Dietz, J. W., Superintendent, Industrial Relations, Western Electric Co., Inc., Kearny Works, 100 Central Avenue, Kearny, N. J. 1911
Dillingham, Harley C., Associate Professor of Electrical Engineering, A. & M. College of Texas, College Station, Texas .. 1929
Dirks, Henry B., Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1920
Disque, Robert C., Academic Dean, Drexel Institute, Philadelphia, Pa. (*Member of Council, 1928–31.*) 1927

DISTLER, THEODORE A., Director of Admissions and Student Personnel, New York University, New York City 1928

DIX, L. E., Professor of Mathematics, Norwich University, Northfield, Vt. 1917

DIXON, SOLON, Instructor in Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929

DOANE, S. E., Chief Engineer, National Lamp Works, General Electric Co., Nela Park, Cleveland, Ohio 1923

DOBBS, F. E., Principal, Wentworth Institute, Boston, Mass. 1912

DODDS, JOHN S., Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa 1928

DODGE, H. L., Director, School of Engineering Physics, Dean, Graduate School, University of Oklahoma, Norman, Okla..... 1919

DOGGETT, L. A., Professor of Electrical Engineering, Pennsylvania State College, State College, Pa. 1914

DOHERTY, H. L., President, Cities Service Company, 60 Wall St., New York, N. Y. 1904

DOHERTY, R. E., Consulting Engineer, General Electric Company, Schenectady, N. Y. 1923

DOLAND, JAMES J., Assistant Professor of Sanitary Engineering, University of Illinois, Urbana, Ill. 1927

DOLL, ALFRED W., Instructor in Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1926

DOLVE, R. M., Professor of Mechanical Engineering, Dean, North Dakota Agricultural College, Fargo, N. D. 1926

DOMONOSKE, ARTHUR B., Executive Head, Department of Mechanical Engineering, Stanford University, Box 2696, Stanford University, Calif. 1913

DONALD, WM. J., Managing Director, American Management Association, 20 Vesey St., New York City..... 1922

DONNELL, PHILIP S., Dean, Division of Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1927

DONOVAN, EDWARD T., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1929

DOOLEY, C. R., Manager, Personnel and Training, Standard Oil Co. of New York, 26 Broadway, New York, N. Y. (*Member of Council, 1929–32.*) 1907

DOOLITTLE, JESSE S., Instructor in Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio 1929

DOREMUS, HAL C., Head, Department of Engineering, John Tarleton Agricultural College, Stephenville, Texas 1923

DORRANS, J. M., Assistant Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1927

DORROH, J. H., Dean, School of Engineering, Professor of Civil Engineering, University of Mississippi, University, Miss..... 1917

DOSTAL, BERNARD F., Assistant Professor of Mathematics, University of Florida, Gainesville, Fla. 1928
DOUGLAS, J. F. H., Associate Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1910
DOUGLAS, MALCOLM S., Assistant Professor of Civil Engineering, Case School of Applied Science, Cleveland, Ohio 1925
DOW, WILLIAM G., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929
DOWD, WYLLYS E., JR., Vice President, Foster Wheeler Corporation, 165 Broadway, New York City 1921
DOWNING, RODERICK L., Assistant Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1926
DOYLE, FRANK B., Designing Engineer, Ingersoll-Rand Company, Phillipsburg, N. J. 1925
DRAFFIN, JASPER O., Assistant Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1917
DRISKO, W. J., Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1923
DRUCKER, ARTHUR E., Dean, School of Mines and Geology, Washington State College, Pullman, Wash. 1922
DRUM, MARTIN L., Professor of Surveying, Bucknell University, Lewisburg, Pa. 1925
DRURY, C. W., Manager, Deloro Research Laboratories, 521 Bloor Building, Toronto, Canada 1924
DUCKERING, W. E., Professor of Civil Engineering; Head of Dept., University of British Columbia, Vancouver, B. C. 1917
DUDLEY, A. M., Engineering Supervisor of Development, Westinghouse E. and M. Co., East Pittsburgh, Pa. 1926
DUDLEY, SAMUEL W., Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn... 1921
DUFF, ALEXANDER W., Professor of Physics, Worcester Polytechnic Institute, Worcester, Mass. 1921
DUFF, C. M., Professor of Applied Mechanics, University of Nebraska, Lincoln, Nebr. 1912
DUFFEY, C. F., Professor of Electrical Engineering, University of Porto Rico, Box 143, Mayaguez, P. R. 1916
DUKES, R. G., Head, Department of Applied Mechanics, Dean of Graduate School, Purdue University, Lafayette, Ind. 1907
DUNCAN, DAVID C., Professor of Physics, The Pennsylvania State College, State College, Pa. 1926
DUNHAM, CLARENCE W., Assistant to Wm. Russell Dairs, Consulting Engineer, 132 Benson Street, Albany, N. Y. 1926
DUNHAM, HEBER, Assistant Professor of Engineering Drawing, New York University, New York, N. Y. 1914
DUNKIN, WILLIAM V., Professor of Mechanical Engineering,

Georgia School of Technology, Atlanta, Ga. 1924

DUNN, HAROLD, The Beeler Organization Consulting Engineers, 52 Vanderbilt Ave., New York City 1917

DUNN, THEODORE S., Professor of Geology and Metallurgy, Georgia School of Technology, Atlanta, Ga. 1924

DUNSTAN, GILBERT H., Instructor in Civil Engineering, University of Southern California, Los Angeles, Calif..... 1928

DUPONT, T. C., Wilmington, Del. (Life Member) 1910

DUPRIEST, JOHN R., Professor and Head, Department of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1919

DURAND, W. F., Professor Emeritus of Mechanical Engineering, Leland Stanford Junior University, Stanford University, Calif. 1899

DURKEE, FRANK W., Professor of Chemistry in charge of Dept., Tufts College, Tufts College, Mass. 1926

DURLAND, M. A., Professor of Machine Design, Assistant Dean, Kansas State Agricultural College, Manhattan, Kans..... 1926

DURST, ROSS C., Professor of Civil Engineering, University of Akron, Akron, O. 1918

DUVALL, W. CLINTON, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1919

DYBLE, JOHN H., Instructor in Applied Mechanics, Case School of Applied Science, Cleveland, Ohio 1924

DYCHE, H. E., Professor and Head of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1914

DYER, FREDERICK C., Associate Professor of Mining Engineering, University of Toronto, Toronto, Ont., Canada 1913

DYSART, P. M., Teacher of Physics, Schenley High School, Pittsburgh, Pa. 1911

EARLE, CHESTER R., Associate Editor, Power Plant Engineering, 53 West Jackson Boulevard, Chicago, Ill. 1922

EARLE, RALPH, President, Worcester Polytechnic Institute, Worcester, Mass. 1925

EARLE, S. B., Director of the Engineering Department, and Professor of Mechanical Engineering, Clemson Agricultural College of South Carolina, Clemson College, S. C. (*Member of Council, 1927–30.*) 1912

EASTMAN, ROBERT F., Instructor in Structural Engineering, Antioch College, Yellow Springs, Ohio 1924

EASTOM, FRANK A., Assistant Professor of Electrical Engineering, University of Colorado, Boulder, Colo. 1924

EATON, LEON S., Associate Professor of Mechanical Engineering, University of the Philippines, Manilla, P. I. 1926

EBAUGH, W. C., Professor of Chemistry, Denison University, Granville, Ohio 1908

ECKEL, C. L., Professor and Head, Department of Civil Engineering, University of Colorado, Boulder, Colo. 1914

ECKFELDT, HOWARD, Professor and Head, Department of Mining Engineering, Lehigh University, Bethlehem, Pa. 1925
ECKHARD, G. F., Professor of Structural Engineering, University of Vermont, Burlington, Vt. 1910
ECKHARDT, CARL J., JR., Adjunct Professor of Mechanical Engineering, University of Texas, Austin, Texas 1929
ECKLE, JOHN N., Assistant Professor of Engineering Drawing, Yale University, New Haven, Conn. 1928
EDDY, C. L., Professor of Structural Engineering, Case School of Applied Science, Cleveland, O. 1910
EDGAR, R. F., Instructor in Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1920
EDGECOMB, R. E., Chief Engineer, City Bldg. Dept., Omaha, Neb. 1912
EDISON, OSKAR E., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1922
EDMANDS, S. S., Director School of Science and Technology, Pratt Institute, Brooklyn, N. Y. (*Member of Council, 1927–30.*).. 1903
EDWARDS, CHARLES W., Professor of Physics, Duke University, Durham, N. C. 1928
EDWARDS, WILLIAM W., Head, Steam Engineering Department, Wentworth Institute, Boston, Mass. 1929
EDWARDS, JAMES H., Chief Engineer, American Bridge Co., 71 Broadway, New York City 1922
EDWARDS, OLIVER C., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1925
EGGERS, HENRY C. T., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922
EGILSRUD, FRIDTJOF S., Instructor in Mechanical Technology, Pratt Institute, Brooklyn, N. Y. 1928
EHLE, MARK, Professor of Mining Engineering, University of Arizona, Tucson, Ariz. 1925
EIDMANN, FRANK L., Associate Professor of Machine Design and Industrial Practice, Princeton University, Princeton, N. J... 1925
EKSTRAND, K. H., Instructor in Mechanical Engineering, State University of Iowa, Iowa City, Iowa 1923
ELBIN, GUY H., Professor of Civil Engineering, Ohio Northern University, Ada, Ohio 1924
ELDRED, C. P., Mechanical Superintendent, Hollingsworth and Vose Company, East Walpole, Mass. 1918
ELIZONDA, Y. A., Assistant Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1928
ELL, CARL S., Vice President and Dean, Northeastern University, Boston, Mass. 1917
ELLENWOOD, FRANK O., Professor of Power Engineering, Cornell University, Ithaca, N. Y. 1929

ELLIOTT, BEN. G., Professor of Mechanical Engineering, University of Wisconsin, Madison, Wis. 1912

ELLIOTT, D. S., Professor of Physics, Tulane University, New Orleans, La. 1919

ELLIOTT, EDWARD C., President, Purdue University, Lafayette, Ind. 1928

ELLIS, W. T., Professor of Power Engineering and Machine Design, Virginia Polytechnic Institute, Blacksburg, Va. 1910

ELY, JOHN A., Professor of Engineering, Dean, College of Arts and Science, St. John's University, Shanghai, China..... 1914

ELY, SUMNER B., Assistant Professor of Commercial Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921

EMERSON, L. A., Director of Guidance and Employment, Y. M. C. A., New York City 1929

EMERSON, WALTER D., Associate Professor of Engineering Mechanics, Norwich University, Northfield, Vt. 1920

EMMONS, WALTER J., Associate Professor of Highway Engineering, University of Michigan, Ann Arbor, Mich. 1923

EMRICK, PAUL S., Electrical Engineer, Lafayette, Ind. 1914

EMSWILER, J. E., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1919

ENDSLEY, L. E., Lecturer in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1907

ENGER, M. L., Professor of Mechanics and Hydraulics, University of Illinois, Urbana, Ill. (*Member of Council, 1921–4.*) 1907

ENO, FRANK H., Research Professor of Highway Engineering, The Ohio State University, Columbus, O. 1907

ENSIGN, N. E., Assistant Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1915

ENTWISLE, FRANK N., Professor of Physics, College of Engineering, Newark, N. J. 1927

ENTWISTLE, JAMES L., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass..... 1927

ERIKSEN, EDWARD L., Professor of Structural Engineering, Purdue University, Lafayette, Ind. 1921

ERNST, ROBERT C., Assistant Professor of Chemical Engineering, University of Louisville, Louisville, Ky. 1927

ERSKINE, HARRY E., Instructor in Physics, Wentworth Institute, Boston, Mass. 1928

ESCHBACH, OVID W., Special Assistant, Personnel Dept., American Tel. and Tel. Co., 195 Broadway, New York City..... 1926

ESTEP, THOS. G., Associate Professor of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1922

ESTES, PHILIP H., Coordinator in Electrical Engineering, Northeastern University, Boston, Mass. 1926

ESTES, STANLEY G., Associate Professor of Social Science, Northeastern University, Boston, Mass. 1926

EVANS, F. H., Director of Course Development, Rochester Athenaeum and Mechanics Institute, Rochester, N. Y. 1907

EVANS, H. S., Dean, College of Engineering, Professor of Electrical Engineering, University of Colorado, Boulder, Colo. (*Vice President, 1920–1; Member of Council, 1922–5.*) 1905

EVANS, WESTON S., Assistant Professor of Civil Engineering, University of Maine, Orono, Me. 1922

EVERETT, HAROLD A., Professor of Thermodynamics, Pennsylvania State College, State College, Pa. 1924

EVERITT, WILLIAM L., Assistant Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio..... 1927

EVINGER, M. I., Professor of Civil Engineering, University of Nebraska, Lincoln, Neb. 1926

EWING, D. D., Professor of Electrical Railway Engineering, Purdue University, Lafayette, Ind. 1910

EYRE, THOMAS T., Professor of Mechanical Engineering, University of Southern California, Los Angeles, Calif. 1909

FAIG, JOHN T., President, Ohio Mechanics Institute, Cincinnati, O. (*Vice President, 1918–9.*) 1899

FAIR, GORDON M., Associate Professor of Sanitary Engineering, Harvard Engineering School, Cambridge, Mass. 1926

FAIRBANKS, OSCAR W., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1929

FAIRBURN, A. J. B., Instructor in Electrical Engineering, Cooper Union, New York City 1927

FAIRES, VIRGIL M., Associate Professor of Mechanical Engineering, A. and M. College of Texas, College Station, Texas 1925

FAIRFIELD, JOHN G., Professor of Heat Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

FAIRMAN, SEIBERT, Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1921

FARNHAM, CHARLES S., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1908

FARNHAM, FRANK C., Assistant Professor of Physics, Missouri School of Mines, Rolla, Mo. 1928

FARNHAM, GEORGE W., Manager, Educational Dept., McGraw-Hill Book Co., 370 Seventh Avenue, New York City 1924

FARNHAM, WALTER E., Professor of Graphics, Tufts College, Tufts College, Mass. 1919

FARQUHARSON, F. B., Instructor in General Engineering, University of Washington, Seattle, Wash. 1928

FARRAR, CLYDE L., Associate Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1924

FARRELL, F. D., President, Kansas State Agricultural College, Manhattan, Kans. 1928

FARRIS, MARSHALL E., Assistant Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas 1925

FELGAR, J. H., Dean of the College of Engineering, University of Oklahoma, Norman, Okla. (*Member of Council, 1920–3.*)... 1912

FELKER, EVERETT J., Instructor in Civil Engineering, University of Maine, Orono, Me. 1922

FENTON, FREDERICK C., Professor of Agricultural Engineering, Kansas State Agricultural College, Manhattan, Kans..... 1928

FENWICK, HAROLD H., Assistant Professor of Machine Design and Drawing, University of Louisville, Louisville, Ky. 1927

FERGUSON, O. J., Professor of Electrical Engineering, and Dean, College of Engineering, Director, Engineering Experiment Station, University of Nebraska, Lincoln, Nebr. (*Vice President, 1923–4.*) 1908

FERNALD, ERNEST M., Assistant Professor of Mechanical Engineering, Lafayette College, Easton, Pa. 1927

FERNALD, ROBERT H., Director, Department of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1914–7.*) 1899

FERNOW, BERNHARD E., Professor of Mechanical Engineering, Clemson College, Clemson College, S. C. 1929

FERRETTI, ALFRED J., Associate Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1925

FERRY, ERVIN S., Head, Department of Physics, Purdue University, Lafayette, Ind. 1928

FESSENDEN, CHARLES H., Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich..... 1925

FESSENDEN, E. A., Professor and Head of Mechanical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1912

FEUSSE, ELMER G., Professor of Chemistry, Southwestern Louisiana Institute, Lafayette, La. 1924

FICK, ADOLPH, Instructor in Civil Engineering, Marquette University, Milwaukee, Wis. 1927

FIELD, FLOYD, Professor of Mathematics, Dean of Men, Georgia School of Technology, Atlanta, Ga. 1919

FIELD, LAWRENCE N., Associate Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1927

FIELD, PETER, Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 1921

FIELDING, JOHN, Instructor in Mechanical Engineering, University of Iowa, Iowa City, Iowa 1928

FIFE, SAMUEL T., Assistant Professor of Electrical Engineering, University of Louisville, Louisville, Ky. 1927

FILES, MYRON J., Assistant Professor of English, Tufts College, Tufts College, Mass. 1925

FINCH, F. R., Associate Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1913

FINCH, JAMES K., Professor of Civil Engineering and Director of Summer School of Surveying, Columbia University, New York City 1925

FINDLEY, WARREN G., Assistant in Psychology, Cooper Union, New York City 1929

FINNEGAN, JOSEPH B., Professor and Head, Dept. of Fire Protection Engineering, Armour Institute of Technology, Chicago, Ill. 1926

FISH, F. A., Professor and Head, Dept. of Electrical Engineering, Iowa State College, Ames, Ia. (*Member of Council, 1923–6.*) 1905

FISH, J. C. L., Executive Head, Department of Civil Engineering, Leland Stanford Junior University, Stanford University, Calif. (*Member of Council, 1921–4.*) 1919

FISHER, JAMES, Professor of Mathematics and Physics, Michigan College of Mines and Technology, Houghton, Mich. 1899

FISHMAN, SOLOMON, Instructor in Electricity, Newark College of Engineering, Newark, N. J. 1928

FITTERER, J. C., Professor of Mathematics, Colorado School of Mines, Golden, Colo. 1912

FITTZ, RAYMOND U., Assistant Professor of Mechanical Engineering, Tufts College, Tufts College, Mass. 1922

FITZGERALD, JOHN W., Instructor in Experimental Engineering, Cornell University, Ithaca, N. Y. 1929

FITZGERALD, THOMAS W., Professor and Head, Department of Electrical Engineering, Georgia School of Technology, Atlanta, Ga. 1928

FLAGG, RAY, Sales Engineer, Houston, Texas 1926

FLANDERS, ROGER L., Associate Professor of Civil Engineering, A. & M. College, Stillwater, Okla. 1927

FLATH, EARL H., Director, College of Engineering and Architecture, Southern Methodist University, Dallas, Texas 1925

FLEMING, ARTHUR P. M., Manager, Research and Education Dept., Metropolitan-Vickers Electrical Co., Manchester, England.... 1922

FLEMING, BURTON P., La Cruces, N. M. 1926

FLEMING, ROBINS, Structural Engineer, American Bridge Co., 30 Church St., New York City 1921

FLODIN, JOHN, Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1924

FLOWERS, A. E., Engineer in charge of Development, The DeLaval Separator Co., Poughkeepsie, N. Y. 1910

FLOWERS, ROBERT L., Professor of Mathematics; Vice President, Duke University, Durham, N. C. 1927

FOCKE, THEODORE M., Dean of Faculty, Kerr Professor of Mathematics, Case School of Applied Science, Cleveland, O. (*Member of Council, 1928–31.*) 1907

FOGG, RALPH J., Professor in charge of Civil Engineering Dept., Lehigh University, Bethlehem, Pa. 1910
FOLK, J. THOMAS, Instructor in Mechanical Engineering Department, Louisiana Industrial Institute, Ruston, La. 1914
FOLK, SAMUEL B., Assistant Professor of Mechanics, The Ohio State University, Columbus, Ohio 1921
FOLLOWS, GEORGE H., Professor of Commercial Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1926
FOLTZ, LEROY S., Head, Dept. of Electrical Engineering, Michigan State College, East Lansing, Mich. 1918
FORD, ARTHUR H., Professor of Electrical Engineering, State University of Iowa; Oakdale, Iowa. (*Member of Council, 1905–8.*) 1903
FORMAN, A. H., Professor and Head, Department of Electrical Engineering, West Virginia University, Morgantown, W. Va. 1916
FOSS, FRED E., Professor of Civil Engineering, Cooper Union, New York, N. Y. 1893
FOSS, MARTIN M., President, McGraw-Hill Book Co., Inc., 370 7th Ave., New York, N. Y. 1909
FOSTER, E. S., Assistant Chief Engineer The Packard Electric Co., R. D. 4, Warren, Ohio 1911
FOSTER, IRVING L., Professor of Romance Languages, The Pennsylvania State College, State College, Pa. 1926
FOSTER, JOHN M., Associate Professor of Machine Design and Applied Mechanics, North Carolina State College of A. & E., College Station, Raleigh, N. C. 1919
FOSTER, WM. ARTHUR, Assistant Professor of Rural Architecture, University of Illinois, Urbana, Ill. 1927
FOSTER, W. L., Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa 1923
FOULK, C. W., Professor of Analytical Chemistry, The Ohio State University, Columbus, O. 1913
FOURAKER, LEROY L., Associate Professor of Electrical Engineering, A. & M. College of Texas, College Station, Tex..... 1924
FOURAKER, RAYMOND S., Professor of Electrical Engineering, North Carolina State College, Raleigh, N. C. 1929
FOX, FREDERICK H., Associate Professor of Civil Engineering, Tulane University of Louisiana, New Orleans, La. 1922
FRAIM, PARKE B., Assistant Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1926
FRAME, FLOYD H., Professor of Electrical Engineering, Missouri School of Mines, Rolla, Mo. 1924
FRAMPTON, GEORGE O., President, World Engineering Corporation, East Aurora, N. Y. 1921
FRANK, E. D. A., Mechanical Engineer, 1023 Shepard Avenue, Milwaukee, Wis. 1917

FRANKLIN, WILLIAM S., Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1900

FRAZER, JOHN, Professor of Chemistry, University of Pennsylvania, Philadelphia, Pa. 1914

FRAZIER, FORREST F., Professor of Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1929

FRAZIER, RICHARD H., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1927

FREEL, WILFRED I., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1928

FREEMAN, E. H., Professor and Head, Department of Electrical Engineering, Armour Institute of Technology, Chicago, Ill. 1909

FREEMAN, MATHEW L., Professor and Head, Department of Drawing, Mississippi A. & M. College, A. & M. College, Miss..... 1928

FREEMAN, W. EDWIN, Assistant Dean, College of Engineering, Head, Department of Electrical Engineering, University of Kentucky, Lexington, Ky. 1911

FRENCH, ARTHUR W., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1900

FRENCH, OWEN B., Professor of Civil Engineering, George Washington University, Washington, D. C. 1923

FRENCH, R. DEL., Professor of Highway and Municipal Engineering, McGill University, Montreal, Canada 1929

FRENCH, ROBERT W., Associate Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn... 1920

FRENCH, THOS. E., Professor of Engineering Drawing, The Ohio State University, Columbus, O. (*Member of Council, 1916–9; Vice President, 1927–8.*) 1899

FREY, EMIL A., Assistant Professor of Modern Languages, Rensselaer Polytechnic Institute, Troy, N. Y. 1928

FRIGON, AUGUSTIN, Director of Studies, Ecole Polytechnique, Montreal, Canada 1929

FROCHT, MAX M., Assistant Professor of Mechanics, Carnegie Institute of Technology, Pittsburgh, Pa. 1928

FRY, HOWARD M., Associate Professor of Physics and Electricity, Franklin and Marshall College, Lancaster, Pa. 1925

FRY, HORACE P., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1914

FRY, THORNTON C., Mathematical Research Engineer, Bell Telephone Laboratories, Inc., 463 West Street, New York City... 1929

FULLAN, M. T., Professor of Machine Design and Drawing, Alabama Polytechnic Institute, Auburn, Ala. 1915

FULLER, A. H., Professor and Head of Civil Engineering, The Iowa State College, Ames, Ia. (*Member of Council, 1914–7.*) 1901

FULLER, C. E., Professor of Theoretical and Applied Mechanics, Massachusetts Institute of Technology, Cambridge, Mass..... 1907

FULTON, CHARLES H., Director, Missouri School of Mines and Metallurgy, University of Missouri, Rolla, Mo..... 1923
FURIA, JOHN J., Professor of Industrial Engineering and Director of Personnel, Manhattan College, New York, N. Y.... 1919
FURMAN, FRANKLIN DER., Professor of Machine Design, Dean of College, Stevens Institute of Technology, Hoboken, N. J. 1907
FURR, M. W., Professor of Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1917
FUSSELL, LEWIS, Professor of Electrical Engineering, Chairman, Division of Engineering, Swarthmore College, Swarthmore, Pa. 1921
GARMAN, HARRY O., Consulting Engineer, 836 Ind. Pyth. Bldg., Indianapolis, Ind. 1907
GARMAN, WARREN D., Assistant Professor of Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1926
GARRAN, FRANK W., Assistant Professor of Civil Engineering, Thayer School of Civil Engineering, Dartmouth College, Hanover, N. H. 1925
GARRETT, L. E., Associate Professor of Mathematics, University of Missouri, School of Mines and Metallurgy, Rolla, Mo..... 1910
GARRETT, SEYMOUR S., Professor of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1922
GARST, HARVEY O., Professor of Civil Engineering, New Mexico College of A. & M. Arts, State College, N. M. 1929
GAUGER, A. W., Director, Division of Mines and Mining Experiments, University of North Dakota, Grand Forks, N. D..... 1926
GAUM, CARL G., Professor of Engineering Extension, The Pennsylvania State College, State College, Pa. 1928
GAUSS, HENRY F., Head, Dept. of Mechanical Engineering, University of Idaho, Moscow, Ida. 1926
GAVETT, JOSEPH W., Professor and Head, Department of Mechanical Engineering, University of Rochester, Rochester, N. Y... 1924
GEBHARDT, GEORGE F., Professor of Mechanical Engineering, Armour Institute of Technology, Chicago, Ill. 1927
GEE, GEORGE B., Assistant Professor of Drawing, Northeastern University, Boston, Mass. 1919
GEIGER, I. W., Associate Professor of Analytical Chemistry, University of Minnesota, Minneapolis, Minn. 1926
GEIGER, JOHN W., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1923
GEILE, WILFRED G., Associate Professor of Building Construction, North Carolina State College, Raleigh, N. C. 1927
GEIST, GILBERT A., Professor of Architecture, A. & M. College of Texas, College Station, Texas 1929
GENZ, HENRY E., Associate Professor of Mechanics, Georgia School of Technology, Atlanta, Ga. 1924

GEORGE, ROBERT B., Electrical Engineer, Westinghouse E. & M. Co., Sharon, Pa. 1925
GEORGE, S. G., Professor and Head, Department of Mechanics of Engineering, Cornell University, Ithaca, N. Y. 1914
GERARDI, JASPER, Instructor in Drawing, University of Detroit, Detroit, Mich. 1929
GETCHELL, EDWARD L., Associate Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H..... 1921
GIBSON, J. L., Dean of School of Arts and Sciences, Professor of Mathematics, University of Utah, Salt Lake City, Utah..... 1911
GIESECKE, F. E., Head, Department of Architecture, Director, Engineering Experiment Station, Texas A. & M. College, College Station, Texas. (*Member of Council, 1921–4.*) 1893
GILCHRIST, J. F., Vice President, Commonwealth Edison Co., 72 W. Adams Street, Chicago, Ill. 1911
GILKEY, HERBERT J., Associate Professor of Civil Engineering, University of Colorado, Boulder, Colo. 1922
GILL, JAMES H., Professor of Machine Construction, West Virginia University, Morgantown, W. Va. 1929
GILMORE, DAVID P., Professor and Head, Department of Civil Engineering, University of Detroit, Detroit, Mich. 1919
GILMOUR, WALTER A., Associate Professor of Coordination, University of Akron, Akron, O. 1922
GIRVIN, HARVEY F., Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1927
GLADNEY, THOMAS G., Professor and Head, Department of Civil Engineering, Mississippi A. & M. College, A. & M. College, Miss. 1928
GLADSON, W. N., Dean, College of Engineering, University of Arkansas, Fayetteville, Ark. 1903
GLEASON, G. SCOTT, Instructor in Engineering Drawing, Yale University, New Haven, Conn. 1927
GLENDENNING, WILLIAM, 30 Turnbull Avenue, Upper Darby P. O. South Ardmore, Pa. 1926
GODDARD, R. W., Dean of Engineering, New Mexico College of A. and M., State College, N. M. 1924
GODFREY, WILLIAM P., Instructor in English, University of Detroit, Detroit, Mich. 1929
GOKHALE, GANDGAHAR V., Principal, N. E. D., Civil Engineering College, Karacki, Bombay, India 1924
GOODALE, S. L., Professor of Metallurgy, University of Pittsburgh, Pittsburgh, Pa. 1924
GOODRICH, RALPH D., Professor of Civil Engineering, University of Wyoming, Laramie, Wyo. 1929
GORHAM, ROBERT C., Assistant Professor of Electrical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1925

GOTTSBERGER, B. BRITTON, 313 St. Ronan St., New Haven, Conn. 1923
GOUGH, ACHILLES C., Dean, School of Engineering, University of Idaho, Southern Branch, Pocatella, Ida. 1922
GOULD, CHAS. W., Trustee, Cooper Union, 5 Washington Square, North, New York City..... 1925
GOUNARIDES, ALEXANDER, Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1928
GOW, ALEX. M., Assistant Metallurgist, State Cooperative Staff, Missouri School of Mines, Rolla, Mo. 1926
GRAHAM, EUGENE C., Associate Professor of Shop Practice, Kansas State Agricultural College, Manhattan, Kansas 1929
GRAHAM, WM. P., Vice Chancellor, Syracuse University, Syracuse, N. Y. 1912
GRAM, LEWIS M., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1913
GRAMSTORFF, EMIL A., Associate Professor of Civil Engineering, Northeastern University, Boston, Mass. 1926
GRANDLIENARD, EDWARD T., Acting Dean, Towne Scientific School, University of Pennsylvania, Philadelphia, Pa. 1919
GRANDY, LEWIS S., Professor of Electrical Engineering, University of Mississippi, University, Miss. 1927
GRANDY, MICHAEL, Professor of Physics, University of Dayton, Dayton, Ohio 1928
GRANT, EDWARD, Instructor in Foundry Practice, Kansas State Agricultural College, Manhattan, Kan. 1925
GRANT, EUGENE L., Associate Professor of Civil Engineering, Montana State College, Bozeman, Mont. 1925
GRANTHAM, GUY E., Assistant Professor of Physics, Cornell University, Ithaca, N. Y. 1928
GRATON, LOUIS C., Professor of Mining Geology, Harvard University, Cambridge, Mass. 1925
GRAY, HENRY C., Instructor in Machine Design, Rose Polytechnic Institute, Terre Haute, Ind. 1929
GRAY, JOHN C., Associate Professor, Dept. of Electrical Engineering and Physics, U. S. Naval Academy, Annapolis, Md..... 1920
GRAY, LENNOX B., University of Chicago, Chicago, Ill. 1925
GREAVES-WALKER, A. F., Professor of Ceramic Engineering, North Carolina State College, Raleigh, N. C. 1925
GREEN, BOYNTON M., Assistant Professor of Machine Design, Stanford University, Stanford University, Calif..... 1925
GREENE, ARTHUR M., JR., Dean, School of Engineering, Professor of Mechanical Engineering, Princeton University, Princeton, N. J. (*President, 1919–20; Member of Council, 1906–9; 1914–.*) 1903
GREENSHIELDS, BRUCE D., Professor of Engineering Science, Denison University, Granville, Ohio 1926

GREGORY, W. B., Professor of Experimental Engineering and Hydraulics, Tulane University, New Orleans, La. 1907
GREINER, OTTO A., Associate Professor of Modern Languages, Purdue University, Lafayette, Ind. 1922
GRENOBLE, HERBERT S., Associate Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1929
GREVE, F. W., Professor of Hydraulic Engineering, Purdue University, Lafayette, Ind. 1912
GRIDER, RICHARD L., Associate Professor of Mining Engineering and Drawing, University of Kansas, Lawrence, Kans. 1922
GRIFFIN, FRED S., Professor of Mechanical Engineering, University of Akron, Akron, O. 1922
GRIFFITH, D. M., Assistant Professor of Civil Engineering, Bucknell University, Lewisburg, Pa. 1924
GRIFFITH, JAMES R., Professor of Structural Engineering, Oregon State Agricultural College, Corvallis, Ore. 1929
GRINTER, LINTON E., Professor of Structural Engineering, A. & M. College of Texas, College Station, Texas 1928
GRISMER, FRANK A., Instructor in English, University of Colorado, Boulder, Colo. 1929
GRISWOLD, ROBT. G., Chief Technologist, Doherty Research, 60 Wall St., New York, N. Y. 1917
GROAT, B. F., Consulting Engineer, 20 Chapel Street, Brookline, Mass. 1889
GRONE, EDWARD A., Instructor in Applied Mechanics, University of Nebraska, Lincoln, Nebr. 1924
GROSS, CHAS. F., Associate Professor of Marine Engineering and Naval Architecture, University of California, Berkeley, Calif. 1927
GROVER, ARCHER L., Professor of Engineering Drawing, University of Maine, Orono, Me. 1922
GROW, GEORGE W., Assistant Professor of Drawing and Machine Design, West Virginia University, Morgantown, W. Va..... 1926
GUITERAS, JOSEPH R., Professor of Mining Engineering, University of Wyoming, Laramie, Wyo. 1925
GULICK, LEE N., Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1923
GUMMERE, H. V. 1914
GUS, CHARLES E., Instructor in Electrical Engineering, New York University, New York City 1926
GWIAZDOWSKI, ALEXANDER P., Assistant Professor of Shop Practice, University of Michigan, Ann Arbor, Mich. 1928
HAERTLEIN, ALBERT, Associate Professor of Civil Engineering, Harvard University, Cambridge, Mass. 1929
HAFFORD, W. B., Assistant Professor of Mechanical Engineering, Montana State College, Bozeman, Mont. 1929

HALE, ROBERT S., Supt., Special Research Dept. Edison Illuminating Company of Boston, 39 Boylston Street, Boston, Mass... 1916

HALL, AMY V., Associate in English, University of Washington, Seattle, Wash. 1925

HALL, B. RUPERT, Supt. of Pattern Laboratory, University of Illinois, Urbana, Ill. 1920

HALL, HOWARD J., Associate Professor of English, Stanford University, Stanford, Calif. 1924

HALL, JAMES A., Professor of Mechanical Engineering, Brown University, Providence, R. I. 1914

HALL, OAKEL F., Professor of Sociology, Purdue University, Lafayette, Ind. 1928

HALL, RUSSELL A., Assistant Professor of Engineering Drawing, University of Illinois, Urbana, Ill. 1925

HALL, STANLEY G., Instructor in Engineering Drawing, University of Illinois, Urbana, Ill. 1927

HALL, VORIS B., Assistant Professor of Physics, Bucknell University, Lewisburg, Pa. 1927

HALL, WALTER C., College Employment Representative, Illinois Bell Telephone Company, 212 West Washington Street, Chicago, Ill. 1929

HALL, WESLEY B., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1925

HALL, WILLIAM H., Professor of Civil Engineering, Duke University, Durham, N. C. 1927

HALLIDAY, WILLIAM R., Associate Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1926

HALLIGAN, CLAIR W., Room 1708, 195 Broadway, New York City. 1925

HALLOCK, J. W., Professor and Head of Industrial Engineering, University of Pittsburgh, Pittsburgh, Pa. 1915

HAM, FRANK W., Professor of Physics, Montana State College, Bozeman, Mont. 1928

HAMILTON, EDW. P., Vice President and Treasurer, John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. 1914

HAMILTON, GEO. A., Retired, 532 Morris Ave., Elizabeth, N. J.... 1911

HAMILTON, JAMES B., Assistant Professor of Civil Engineering, University of Washington, Seattle, Wash. 1924

HAMILTON, J. O., Professor of Physics, Kansas State Agricultural College, Manhattan, Kans. 1910

HAMMERT, JOHN L., Testing Engineer, Instructor in Civil Engineering, University of Idaho, Moscow, Ida. 1925

HAMMOND, H. P., Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. Director of Summer Schools for Engineering Teachers, S. P. E. E. (*Associate Director of Investigations, 1923–29; Member of Council, 1927–30*) 1916

HAMMOND, JOHN HAYS, Engineer, 2301 Kalarama Road, N. W., Washington, D. C. 1925
HANCE, JAMES H., Dean, School of Mines, Oregon State College, Corvallis, Ore. 1926
HANEY, JILES W., Professor and Chairman, Department of Mechanical Engineering, University of Nebraska, Lincoln, Nebr..... 1916
HANLEY, FRANKLIN B., McGraw-Hill Book Company, 370 Seventh Avenue, New York City 1925
HANNA, U. S., Professor of Mathematics, Indiana University, Bloomington, Ind. 1915
HANSEN, ARTHUR S., Instructor in Mathematics, Armour Institute of Technology, 18 South Dearborn Street, Chicago, Ill..... 1927
HARBARGER, SADA A., Assistant Professor of English, The Ohio State University, Columbus, Ohio. (*Member of Council, 1926–9.*) 1918
HARDER, OSCAR E., Professor of Metallography, University of Minnesota, Minneapolis, Minn. 1925
HARDING, C. FRANCIS, Head, School of Electrical Engineering, Purdue University, Lafayette, Ind. (*Member of Council, 1918–21.*) 1908
HARDING, E. P., Associate Professor of Chemistry, University of Minnesota, Minneapolis, Minn. 1924
HARKNESS, DANIEL H., Instructor in Civil Engineering, University of Nebraska, Lincoln, Nebr. 1928
HARLAN, ORLAN K., Assistant Professor of Mechanical Engineering, The Pennsylvania State College, State College, Pa. 1921
HARPER, A. C., Supervisor and Head, Department of Industrial Mechanical Engineering, Pratt Institute, Brooklyn, N. Y.... 1911
HARRINGTON, THOS. H., Professor of Engineering Drafting, Assistant to Dean, Columbia University, New York City 1925
HARRIS, C. L., Professor of Architectural Engineering, The Pennsylvania State College, State College, Pa. 1914
HARRIS, HARRY E., Consulting Engineer, 299 Thorne Street, Bridgeport, Conn. 1924
HARRIS, WALTER B., Professor of Geodesy, Princeton University, Princeton, N. J. 1914
HARRISON, THOMAS P., Professor of English, North Carolina State College, Raleigh, N. C. 1923
HART, CLARENCE A., Assistant Professor of Structural Engineering, Purdue University, Lafayette, Ind. 1926
HART, S. T., Professor of Industrial Engineering, Syracuse University, Syracuse, N. Y. 1923
HARTER, G. A., Professor of Mathematics, University of Delaware, Newark, Del. 1905
HARTIG, HENRY E., Assistant Professor of Telephone and Telegraph Engineering, University of Minnesota, Minneapolis, Minn.... 1922

HARTMANN, F. M., Dean, Schools of Engineering, Professor of Electrical Engineering, Cooper Union, New York, N. Y. 1908

HARTWICH, FREDERICK C. Professor of Calculus and Mechanics, University of Dayton, Dayton, Ohio 1927

HARVEY, EUGENE C., Assistant Chief Structural Engineer, Bridge Department, City of Los Angeles, Calif. 1925

HASKELL, L. ST. J., Assistant to Vice President, The Bell Telephone Company of Canada, 502 Grosvenor Avenue, Westmount, Quebec, Canada 1925

HASTINGS, HUDSON B., Professor of Industrial Engineering, Yale University, New Haven, Conn. 1928

HATCH, D. ARTHUR, Associate Professor of Mathematics, Lafayette College, Easton, Pa. 1908

HATCH, FORREST M., Instructor in Physics, Northeastern University, Mass. 1926

HATFIELD, HAROLD D., Professor of Industrial Engineering, Rutgers University, New Brunswick, N. J. 1927

HATT, W. K., Head, School of Civil Engineering and Director of the Materials Testing Laboratory, Purdue University, Lafayette, Ind. (*Member of Council, 1926–9.*) 1895

HAULTAIN, H. E. T., Professor of Mining Engineering, University of Toronto, Toronto, Ont., Canada 1911

HAUSMANN, ERICH, Professor of Physics and Electrical Communication, Polytechnic Institute of Brooklyn, Brooklyn, N. Y... 1926

HAWKES, JOHN B., Editorial Department, Ginn and Company, 15 Ashburton Place, Boston, Mass. 1927

HAY, EARL D., Head, Departments of Mechanical and Industrial Engineering, University of Kansas, Lawrence, Kans. 1915

HAYES, LESLIE D., Professor of Machine Design and Construction, West Virginia University, Morgantown, W. Va. 1922

HAYNES, WALTER, Dean of Engineering, Oregon Institute of Technology, Portland, Ore. 1926

HAZARD, CLIFTON T., Assistant Professor of Mathematics, Purdue University, Lafayette, Ind. 1923

HAZELTINE, ALAN, Oakland, Calif. 1910

HEACOCK, FRANK A., Head, Dept. of Graphics and Engineering Drawing, Princeton University, Princeton, N. J. 1926

HEAD, CARL I., Professor of Mechanical Engineering, James Williken University, Decatur, Ill. 1926

HECK, CHARLES R., Manager, College Department, McGraw-Hill Book Co., 370 Seventh Avenue, New York City 1927

HECK, NICHOLAS H., Chief, Division of Terrestrial Magnetism and Seismology, Coast and Geodetic Survey, Washington, D. C... 1923

HECK, ROBERT C. H., Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. (*Member of Council, 1929–32.*) 1907

HEDRICK, E. R., Professor of Mathematics, University of California at Los Angeles, Calif. (*Member of Council, 1926–9.*) 1910
HEDRICK, WM. A., Head of the Department of Physics of the High and Manual Training Schools, Central High School, Washington, D. C. 1913
HEFLIN, S. M., Assistant Professor of Physics, Virginia Military Institute, Lexington, Va. 1924
HEHRE, FREDERICK W., Associate Professor of Electrical Engineering, Columbia University, New York City 1926
HEISIG, G. B., Instructor in Inorganic Chemistry, University of Minnesota, Minneapolis, Minn. 1924
HELME, J. BURN, Assistant Professor of Architectural Design, The Pennsylvania State College, State College, Pa. 1926
HENDERSON, CHARLES, Assistant Professor of Experimental Engineering, University of Virginia, University, Va. 1926
HENDERSON, W. E., Professor of Chemistry, The Ohio State University, Columbus, Ohio. 1919
HENDRICK, T. K. A., Assistant Engineer, Board of Water Supply, City of New York, 58 Forest Avenue, New Rochelle, N. Y. 1921
HENLINE, HENRY H., Assistant National Secretary, American Institute of Electrical Engineers, 33 W. 39th Street, New York City 1919
HERALD, WILLIAM F., Black Hills Utilities Company, Rapid City, S. D. 1928
HERINGTON, GEORGE B., Lecturer, Oregon Agricultural College, Corvallis; 622 Kearny Street, Portland, Ore. 1928
HERR, E. M., President, Westinghouse E. & M. Co., 150 Broadway, New York City 1924
HERRICK, CARL A., Associate Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn..... 1922
HERRINGTON, JOHN A., Professor of Mechanical Engineering, Vanderbilt University, Nashville, Tenn. 1925
HERRMANN, RAYMOND R., Manager, Rate and Sales Research Dept., Northern States Pawn Co., 15 So. 5th St., University of Minnesota, Minneapolis, Minn. 1926
HERSHEY, ARTHUR W., Development Department, Leeds and Northrup Company, 4901 Stanton Avenue, Philadelphia, Pa. 1927
HESSE, HERMAN C., Head, Department of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1929
HESSLER, VICTOR P., Instructor in Electrical Engineering, Iowa State College, Ames, Iowa. 1928
HEWES, JOHN W. 1925
HEWITT, CHARLES E., Assistant to Director, American Council on Education, 26 Jackson Place, Washington, D. C. 1915
HICKERSON, T. F., Professor of Civil Engineering, University of North Carolina, Chapel Hill, N. C. 1914

HIGBEE, F. G., Professor and Head of the Department of Descriptive Geometry and Drawing, State University of Iowa, Iowa City, Ia. (*Vice President, 1922–3; Member of Council, 1916–9.*) 1906

HIGBIE, H. H., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1929–32.*) 1908

HILL, A. S., Professor of Electrical Engineering, University of Maine, Orono, Me. 1919

HILL, ERLE G., Assistant Professor of Metallurgy, University of Pittsburgh, Pittsburgh, Pa. 1924

HILL, H. M., Associate Engineer, U. S. Engineer Office, P. O. Box J, Commercial Sta., St. Paul, Minn. 1925

HILL, J. E., Professor of Civil Engineering, Brown University, Providence, R. I. 1894

HINCKLEY, ALFRED D., Instructor in Electrical Engineering, Columbia University, New York City 1929

HINRICHS, FREDERIC W., JR., Professor of Mechanics, California Institute of Technology, Pasadena, Calif. 1925

HIROTA, SEIITI, 22 Denyen-Chofu, Ebara-Gori, near Tokyo, Japan 1927

HITCHCOCK, E. A., Dean of Engineering College, Director, Engineering Experiment Station, The Ohio State University, Columbus, O. (*Vice President, 1929–30; Member of Council, 1922–5.*) 1921

HITCHCOCK, LAUREN B., Associate Professor of Chemical Engineering, University of Virginia, University, Va..... 1928

HITCHCOCK, LEON W., Professor of Electrical Engineering, University of New Hampshire, Durham, N. H. 1922

HIXON, CHARLES R., Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1910

HOAD, W. C., Professor of Sanitary and Municipal Engineering, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1925–8.*) 1907

HOADLEY, ANTHONY, Assistant Professor of Civil Engineering, Union College, Schenectady, N. Y. 1928

HOBBS, ALLAN W., Associate Professor of Applied Mathematics, University of North Carolina, Chapel Hill, N. C. 1910

HOBBS, GEORGE W., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich..... 1925

HOCKEMA, FRANK C., Associate Professor of Industrial Management, Purdue University, Lafayette, Ind. 1921

HODGE, PERCY, Professor of Physics, Stevens Institute of Technology, Hoboken, N. J. 1928

HOEFER, E. G., Professor of Mechanical Engineering, University of North Carolina, Chapel Hill, N. C. 1910

HOELSCHER, RANDOLPH P., Associate Professor of General Engineer Drawing, University of Illinois, Urbana, Ill..... 1912

HOFFMAN, A. H., Associate Agricultural Engineer, Experiment Station, University of California, Davis, Calif. 1907

HOFFMAN, J. D., Professor and Head, Dept. of Practical Mechanics and Director of Laboratories, Purdue University, Lafayette, Ind. 1907

HOFFMAN, G. A., Professor of Mechanical Engineering, University of Dayton, Dayton, O. 1916

HOGLUND, GUSTAV O., Assistant Professor of Aeronautical Engineering, University of Minnesota, Minneapolis, Minn. 1928

HOLBROOK, E. A., Dean, Schools of Engineering and Mines, University of Pittsburgh, Pittsburgh, Pa. 1927

HOLCOMB, GLENN W., Assistant Professor of Civil Engineering, Oregon Agricultural College, Corvallis, Ore. 1927

HOLDEN, CHARLES A., Professor of Civil Engineering, Dartmouth College, Hanover, N. H. 1901

HOLDER, FRANCIS J., Professor of Mathematics, Mercer University, Macon, Ga. 1912

HOLLIS, I. N., President, Retired, Worcester Polytechnic Institute, 985 Memorial Drive, Cambridge, Mass. (*Vice President, 1917–8; Member of Council, 1898–01.*) 1894

HOLLISTER, S. C., Consulting Engineer, 311 Elm Avenue, Swarthmore, Pa. 1916

HOLMAN, W. F., Professor and Supervising Engineer, University of Minnesota, Minneapolis, Minn. 1912

HOLMBERG, CARL H., Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1924

HOLMES, FRED E., Assistant Professor of Mechanics and Hydraulics, Manager, Housing Service, The State University of Iowa, Iowa City, Ia. 1919

HOLT, A. H., Associate Professor of Civil Engineering, State University of Iowa, Iowa City, Iowa 1923

HOMBERGER, ALFRED W., Professor of Chemistry and Director of Chemical Laboratories, University of Louisville, Louisville, Ky. 1926

HOOD, GEO. J., Professor of Engineering Drawing, University of Kansas, Lawrence, Kans. 1914

HOOD, O. P., Chief, Technologic Branch, U. S. Bureau of Mines, 1831 Irving St., N. W., Washington, D. C. (*Member of Council, 1912–8.*) 1893

HOOPER, ELMER G., Associate Professor of Hydraulics, New York University, New York, N. Y. 1909

HOOVER, THEODORE J., Dean, Engineering School, Stanford University, Stanford University, Calif. 1919

HOPKINS, L. A., Associate Professor of Mathematics, Secretary, Colleges of Engineering and Architecture, University of Michigan, Ann Arbor, Mich. 1923

HORTON, ROLAND, 1215 W. Washington Street, Champaign, Ill... 1926
HOSKINS, L. M., Emeritus Professor of Applied Mathematics, 1240 Waverly St., Palo Alto, Calif. (*Member of Council, 1917–20.*) 1893
HOSMER, GEO. L., Professor of Geodesy, Massachusetts Institute of Technology, Cambridge, Mass. 1914
HOSTETTER, H. C., Instructor in Mechanical Engineering, Pratt Institute, Brooklyn, N. Y. 1926
HOTCHKISS, CHARLES H. B., Assistant Professor of Heating and Ventilating, Purdue University, Lafayette, Ind. 1925
HOTCHKISS, W. O., President, Michigan College of Mining and Technology, Houghton, Mich. 1926
HOUSE, E. B., Professor of Civil and Irrigation Engineering, Colorado State Agricultural College, Ft. Collins, Colo..... 1913
HOUSTON, HALE, Associate Professor of Civil Engineering, Washington and Lee University, Box 422, Lexington, Va..... 1914
HOWARD, DARNLEY, Assistant Professor of Mechanical Engineering, Howard University, Washington, D. C. 1928
HOWARD, JOHN W., Associate Professor of Topographical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1907
HOWARD, PAUL F., 144 Circuit Rd., Winthrop, Mass. 1923
HOWE, C. D., Managing Partner, C. D. Howe & Co., Consulting Engineers, 7th Floor, Whalen Building, Port Arthur, Ontario, Canada 1912
HOWE, C. S., North Amherst, Mass. (*President, 1907–8; Vice President, 1906–7; Member of Council since 1903.*) 1902
HOWE, JEROME W., Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925
HOWE, LEON B., Professor of Drawing, College of Applied Science, Syracuse University, Syracuse, N. Y. 1917
HOWELL, ALMONTE C., Associate Professor of English, Assistant Dean of the Graduate School, University of North Carolina, Chapel Hill, N. C. 1922
HOWELL, ERIC V., Assistant Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1927
HOWELL, ROGER S., Associate Professor of Experimental Engineering, Director of Evening School, Georgia School of Technology, Atlanta, Ga. 1919
HOWER, H. S., Professor and Head, Department of Physics, Carnegie Institute of Technology, Pittsburgh, Pa. 1914
HOWITT, NATHAN 1925
HOWLAND, WARREN E., Instructor in Civil Engineering, Purdue University, Lafayette, Ind. 1926
HUACUJA, FEDERICO, Professor of Drawing, Escuela de Ingenieros Mecánicos Electricistas, Netzahualcoyotl, 75, Mexico City, Mexico 1926

HUDSON, ROSS C., Assistant Professor of Mechanics and Drawing, Clarkson College of Technology, Potsdam, N. Y. 1927

HUGHES, C. A., Assistant Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn. 1927

HUGHES, GEORGE G., Professor of Mechanical Engineering, Southwestern Louisiana Institute, Lafayette, La. 1924

HUGHES, H. J., Dean of the Engineering School, Professor of Civil Engineering, Harvard University, Cambridge, Mass. (*Vice President, 1921–2; Member of Council, 1922–5.*)..... 1907

HUGHES, MARTIN C., Professor of Electrical Engineering, Texas A. & M. College, College Station, Texas 1924

HUGHES, THOMAS P., Instructor in Forging and Heat Treatment, University of Minnesota, Minneapolis, Minn. 1927

HULL, ROBERT H., Assistant Professor of Electrical Engineering, University of Idaho, Moscow, Ida. 1929

HUME, ALFRED, Chancellor, University of Mississippi, University, Miss. 1894

HUMPHREY, CARL T., Dean, School of Technology, Professor of Civil Engineering, Villanova College, Villanova, Pa. 1921

HUMPHREY, HERBERT K., Professor of Electrical Engineering, Rice Institute, Houston, Tex. 1918

HUNT, GUY H., Assistant Professor of Applied Mathematics, University of California at Los Angeles, Calif. 1923

HUNT, ORVILLE D., Assistant Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1927

HUNT, PERCIVAL, Professor and Head, Dept. of English, University of Pittsburgh, Pittsburgh, Pa. 1924

HUNTER, J. A., Professor of Mechanical Engineering, University of Colorado, Boulder, Colo. (*Member of Council, 1925–8.*)..... 1904

HUNTINGTON, E. V., Professor of Mechanics, Harvard University, Cambridge, Mass. (*Member of Council, 1914–7.*) 1906

HUNTINGTON, W. C., Professor and Head, Dept. of Civil Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1929–32.*) 1914

HUNTLY, PHILIP C., Associate Professor of Experimental Engineering, Armour Institute of Technology, Chicago, Ill. 1927

HURLBUTT, FREDERICK L., General Manager, The Patent Scaffolding Company, Chicago, Ill. 1929

HUSTEDT, HERMAN F., Instructor in Mechanic Arts, Chief Engineer and Supt. of Buildings and Grounds, Tulane University, New Orleans, La. 1922

HUTCHINSON, CHARLES A., Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1923

HYDE, A. L., Professor of Bridge Engineering, University of Missouri, Columbia, Mo. 1904

HYDE, EMMA, Associate Professor of Mathematics, Kansas State Agricultural College, Manhattan, Kansas 1929

HYLAND, PATRICK H., Associate Professor of Machine Design, University of Wisconsin, Madison, Wis. 1925

IHRIG, ROSCOE M., Director, Night Courses, Dean of Freshmen, Carnegie Institute of Technology, Pittsburgh, Pa. 1925

IMMEDIATO, GERARDO, Assistant Professor of Machine Design, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1926

INGALLS, JAMES W., Professor of Industrial Engineering, Northeastern University, Boston, Mass. 1923

INGRAM, EDWARD L., Professor of Railroad Engineering and Geodesy, University of Pennsylvania, Philadelphia, Pa. 1908

IRLAND, GEORGE A., Assistant Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1927

ISENBERG, DAVID A., Head, Department of Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1928

ISRAELSEN, ORSON W., Professor of Irrigation and Drainage, Agricultural College of Utah, Logan, Utah 1928

JABLOW, CHARLES, Railway Mechanical Engineer, Westinghouse E. & M. Co., 137 Avenue A, Forest Hills, Pa. 1910

JACKLIN, HAROLD M., Associate Professor of Automotive Engineering, Purdue University, Lafayette, Ind. 1925

JACKSON, DANIEL D., Executive Officer and Professor of Chemical Engineering, Columbia University, New York City..... 1924

JACKSON, DUGALD C., Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. (*President, 1906–7; Member of Council since 1906; Member, Board of Investigation and Coordination, 1922–.*) 1893

JACKSON, DUGALD C., JR., Professor and Head, Department of Electrical and Mechanical Engineering, Speed Scientific School, University of Louisville, Louisville, Ky. 1922

JACKSON, JOHN PRICE, Manager, Personnel Bureau, The New York Edison Co., 130 East 15th Street, New York City. (*Vice President, 1905–6; Member of Council, 1894–7.*)..... 1927

JACOBUS, DAVID D., Research Associate, Massachusetts Institute of Technology, Cambridge, Mass. 1926

JACOBUS, D. S., Advisory Engineer, The Babcock & Wilcox Co., 85 Liberty St., New York, N. Y. 1893

JACOBY, HENRY S., Professor of Bridge Engineering, Emeritus, Cornell University, 650 Highland Ave., Bethlehem, Pa. (*President, 1915–6; Vice President, 1913–4; Secretary, 1900–2; Member of Council, 1900–5; 1915–.*)..... 1894

JAMES, J. H., Professor of Chemistry, Carnegie Institute of Technology, Pittsburgh, Pa. 1910

JAMES, WALTER H., Associate Professor of Mechanical Engineering Drawing, Massachusetts Institute of Technology, Cambridge, Mass. 1926
JAMESON, J. M., Vice President, Girard College, Philadelphia, Pa. 1903
JAMIESON, ROBERT E., Assistant Professor of Civil Engineering, McGill University, Montreal, Canada 1929
JANDA, H. F., Professor of Highway Engineering and City Planning, University of Wisconsin, Madison, Wis. 1924
JANSKY, CYRIL M., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1924
JENKIN, ANTHONY, Associate Professor of Mining Engineering Case School of Applied Science, Cleveland, O. 1921
JENKINS, DAVID R., Professor of Electrical Engineering, University of North Dakota, University Station, Grand Forks, N. D. 1912
JENKINS, FRED R., Educational Director, Chicago Central Station Institute, 72 West Adams Street, Chicago, Ill..... 1924
JENKS, LEON E., Professor of Chemistry, Worcester Polytechnic Institute, Worcester, Mass. 1925
JENNESS, LYLE C., Instructor in Chemistry, University of Maine, Orono, Me. 1926
JETT, CARTER C., Professor of Machine Design, University of Kentucky, Lexington, Ky. 1925
JETT, DANIEL B., Associate Professor of Civil Engineering, New Mexico A. & M. College, State College, N. M. 1928
JEWELL, ALBERT H., Executive Director, Health Conservation Association, 1020 McGee Street, Kansas City, Mo. 1923
JEWETT, ARTHUR C., Director, College of Industries, Carnegie Institute of Technology, Pittsburgh, Pa. 1925
JEWETT, F. B., Vice President, American T. & T. Co., President, Bell Telephone Laboratories, Inc., 195 Broadway, New York, N. Y. 1914
JOERGER, C. ALBERT, Professor of Mechanical Engineering, University of Cincinnati, Cincinnati, Ohio 1929
JOHN, WALTON C., Specialist in Graduate and Professional Education, Bureau of Education, Department of the Interior, Washington, D. C. 1923
JOHNDROE, S. G., Educational Director, Massachusetts Reformatory, 871 Main Street, Concord, Mass. 1921
JOHNSON, A. R., Professor of Structural Design, Rutgers University, New Brunswick, N. J. 1909
JOHNSON, CHARLES A., City Schools Office, Great Southern Life Building, Houston, Texas 1927
JOHNSON, CLAIR C., Assistant Professor of Civil Engineering, University of Detroit, Detroit, Mich. 1929
JOHNSON, E. A., Head of the Foundry Dept., Wentworth Institute, Boston, Mass. 1913

JOHNSON, ELMER W., Assistant Professor of Electrical Power Engineering, University of Minnesota, Minneapolis, Minn. 1926

JOHNSON, F. ELLIS, Professor and Head, Department of Electrical Engineering, University of Kansas, Lawrence, Kans..... 1916

JOHNSON, FREDERICK M. G., Director, Department of Chemistry, McGill University, Montreal, Canada 1928

JOHNSON, HERMAN P., Associate Professor of English Literature, University of Virginia, University, Va. 1926

JOHNSON, J. HARLAN, Associate Professor of Geology, Colorado School of Mines, Golden, Colo. 1926

JOHNSON, J. HUGO, Professor and Head, Department of Electrical Engineering, University of Idaho, Moscow, Ida. 1926

JOHNSON, J. RICHARD, Professor of Applied Mechanics, University of Kentucky, Lexington, Ky. 1929

JOHNSON, J. S. A., Professor of Applied Mechanics and Experimental Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1921

JOHNSON, LEWIS J., Professor of Civil Engineering, Harvard University, Cambridge, Mass. (*Member of Council, 1902–5; 1908–11.*) 1898

JOHNSON, WILLIAM D., Graduate Student in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. (Box 164.) 1927

JOHNSTON, W. A., Professor of Theoretical and Applied Mechanics, Massachusetts Institute of Technology, Cambridge, Mass.... 1907

JONES, CHARLES B., Instructor in Forging and Heat Treating, Pratt Institute, Brooklyn, N. Y. 1928

JONES, C. R., Dean of the College of Engineering and Professor of Power Engineering, West Virginia University, Morgantown, W. Va. (*Vice President, 1904–5.*)..... 1895

JONES, E. C., Assistant Professor of Shop Practice, Kansas State Agricultural College, Manhattan, Kans. 1917

JONES, F. E., Assistant Professor of Mechanic Arts, University of Kansas, Lawrence, Kans. 1915

JONES, JAMES B., Associate Professor of Experimental Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1927

JONES, J. C., Professor of Geology, University of Nevada, Reno, Nev. 1923

JONES, J. O., Professor of Hydraulics, University of Kansas, Lawrence, Kansas 1916

JORDAN, HARVEY H., Professor and Head, General Engineering Drawing, and Assistant Dean, College of Engineering, University of Illinois, Urbana, Ill. (*Member of Council, 1924–7.*) 1915

JORDAN, HENRY G., Professor of Electrical Engineering, Colorado Agricultural College, Fort Collins, Colo..... 1926

JORDAN, HERBERT E., Associate Professor of Mathematics, University of Kansas, Lawrence, Kans. 1924
JORGENSEN, ALBERT, Instructor in Drawing and Descriptive Geometry, University of Illinois, Urbana, Ill. 1926
JORGENSON, L. M., Assistant Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kans..... 1926
JOURDAN, JOHN W., Designing Engineer, San Joaquin Light and Power Corp., Fresno, Calif. 1919
JUDD, HORACE, Professor of Hydraulic Engineering, The Ohio State University, Columbus, O. 1907
JURDAK, MANSUR, Professor of Mathematics, Director of Engineering Classes, American University of Beirut, Beirut, Syria 1929
JUSTIN, EDWARD M., Instructor in Mathematics, Case School of Applied Science, Cleveland, Ohio 1928
KAESTLE, FRANCIS L., Instructor in Electrical Engineering, Yale University, New Haven, Conn. 1929
KAMMERMAN, J. O., Professor and Head, Dept. of Electrical Engineering, South Dakota State School of Mines, Rapid City, S. D. 1924
KAMMEYER, JULIUS E., Professor and Head, Department of Economics, Kansas State Agricultural College, Manhattan, Kansas. 1929
KANE, EDW. W., Assistant Professor of Electrical Engineering, Marquette University, Milwaukee, Wis. 1921
KAPP, CECIL A., Director, Cooperative Education, Drexel Institute, Philadelphia, Pa. 1929
KARTAK, FRANZ A., Dean of Engineering, Marquette University, Milwaukee, Wis. 1922
KAULFUSS, J. E., Professor of Highway Engineering, The Pennsylvania State College, State College, Pa. 1927
KAVANAUGH, DENNIS, JR., Associate Professor of Mechanical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1925
KAVANAUGH, W. H., Professor of Experimental Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1919–22.*) 1902
KEATOR, FREDERIC W., Assistant Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1929
KEELER, HUGH E., Associate Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich. 1926
KEENAN, ERNEST C., Professor of Applied Mathematics, Syracuse University, Syracuse, N. Y. 1926
KEGERREIS, ROY, 2650 Ridge Avenue, Evanston, Ill. (Life Member.) 1913

KEITH, WAYNE E., Director, College Relations, New England Telephone and Telegraph Co., 1230 Montello Street, Campello, Mass. 1927

KELLER, ARTHUR R., Dean, College of Applied Science, University of Hawaii, 2456 Oahn Avenue, Honolulu, T. H. 1910

KELLER, GEORGE J., Assistant Professor of Steam Engineering, The State University of Iowa, Iowa City, Ia. 1919

KELLER, JOHN F., Steel Specialist, Purdue University, Lafayette, Ind. 1925

KELLER, J. O., Professor of Engineering Extension, The Pennsylvania State College, State College, Pa. 1916

KELLER, WILLIAM A., Professor of Electrical Engineering, University of Mexico, Mexico City, Mexico 1926

KELTON, FRANK C., Professor of Civil Engineering, University of Arizona, Tucson, Ariz. 1925

KEMLER, EMORY, Instructor in Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1929

KENERSON, W. H., Professor of Mechanical Engineering, Chairman Division of Engineering, Brown University, Providence, R. I. (*Member of Council, 1924–7.*) 1903

KENNEDY, F. L., Associate Professor of Engineering Sciences, Harvard University, Cambridge, Mass. 1904

KENNELLY, A. E., Professor of Electrical Engineering, Harvard University, Cambridge, Mass. 1916

KENNY, FREDERIC J., Professor of Analytical Chemistry, Manhattan College, New York City 1927

KENRICK, GLEASON W., Instructor in Electrical Engineering, Tufts College, Tufts College, Mass. 1927

KENT, BENJAMIN C., Professor of Engineering Drafting, University of Maine, Orono, Me. 1922

KENT, CLARENCE H., Professor of Mechanical Engineering, University of Arkansas, Fayetteville, Ark. 1926

KENT, J. M., Teacher of Steam and Electricity and Radio Engineering, Manual Training High School, Kansas City, Mo..... 1903

KERCHNER, RUSSELL M., Associate Professor of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1923

KEREKES, FRANK, Associate Professor of Civil Engineering, Iowa State College, Ames, Iowa 1927

KERN, EDWARD F., Associate Professor of Electro-metallurgy, Columbia University, New York City 1925

KERNS, A. H., Instructor in Electrical Engineering, A. and M. College of Texas, College Station, Texas 1926

KERSTEN, HAROLD J., Instructor in Mathematics, University of Cincinnati, Cincinnati, Ohio 1927

KESNER, HENRY J., Professor of Civil Engineering, University of Nebraska, Lincoln, Nebr. 1921

KETCHUM, MILO S., Dean, College of Engineering, Director, Engineering Experiment Station, University of Illinois, Urbana, Ill. (*President, 1917–8; Vice President, 1910–11; Secretary, 1904–6; Member of Council, 1904–9; 1916–.*) 1903

KETCHUM, R. B., Dean, School of Mines and Engineering, University of Utah, Salt Lake City, Utah 1928

KEYES, DONALD B., Professor of Industrial Chemistry, University of Illinois, Urbana, Ill. 1928

KIEFER, EARL C., Professor of Mathematics, James Milliken University, Decatur, Ill. 1921

KIEFER, PAUL J., Professor of Mechanical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1917

KILPATRICK, A. VERN, Assistant Professor of Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1929

KIMBALL, D. S., Professor of Industrial Engineering, and Dean, College of Engineering, Cornell University, Ithaca, N. Y. (*President, 1928–29; Vice President, 1922–23; Member, Board of Investigation and Coordination, 1924–; Member of Council, 1928–.*) 1915

KIMBERLY, EMERSON E., Assistant Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio 1928

KINDSVATER, EMIL F., Instructor in Civil Engineering, University of Kansas, Lawrence, Kans. 1925

KING, EVERITT E., Professor of Railway Civil Engineering, University of Illinois, Urbana, Ill. 1908

KING, GEORGE C., Professor of Mechanical Engineering Design, Purdue University, Lafayette, Ind. 1926

KING, H. W., Professor of Hydraulic Engineering, University of Michigan, Ann Arbor, Mich. 1913

KING, MORLAND, Professor and Head, Dept. of Electrical Engineering, Lafayette College, Easton, Pa. 1920

KING, RAY S., Head, Department of Mechanical Engineering, Georgia School of Technology, Atlanta, Ga. (*Vice President, 1924–5; Member of Council, 1920–5.*) 1904

KINGMAN, EDWARD D., Head, Department of Applied Mechanics, Wentworth Institute, Boston, Mass. 1923

KINNEY, EDWARD D., Associate Professor of Metallurgy, University of Kansas, Lawrence, Kans. 1922

KINNEY, EDWARD E., Instructor in Electrical Engineering, Michigan State College, East Lansing, Mich. 1925

KINSLOE, CHARLES L., Head, Department of Electrical Engineering, The Pennsylvania State College, State College, Pa..... 1926

KIRBY, RICHARD S., Associate Professor of Engineering Drawing, Sheffield Scientific School, Yale University, New Haven, Conn. 1911

KIRCHNER, W. H., Professor and Head, Dept. of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1910

KIRK, RAYMOND E., Associate Professor of Inorganic Chemistry, University of Minnesota, Minneapolis, Minn. 1923

KISSAM, PHILIP, Assistant Professor of Civil Engineering, Princeton University, Princeton, N. J. 1929

KITTREDGE, RAYMOND B., Professor of Transportation Engineering, State University of Iowa, Iowa City, Ia. 1921

KLEIN, A. W., Professor of Mechanical Engineering, Lehigh University, Bethlehem, Pa. 1908

KLEMIN, ALEXANDER, Professor of Aeronautical Engineering, New York University, New York City 1926

KLINGER, WERNER W., Instructor in Civil Engineering, South Dakota State School of Mines, Rapid City, S. D. 1929

KLOEFFLER, ROYCE G., Professor and Head, Department of Electrical Engineering, Kansas State Agricultural College, Manhattan, Kans. 1919

KLOTZ, FREDERICK E., Instructor in Civil Engineering, Iowa State College, Ames, Iowa 1928

KLOPSTEG, PAUL E., Director, in charge of Development and Manufacturing, Central Scientific Company, 460 East Ohio Street, Chicago, Ill. 1928

KNAPP, WILLARD A., Professor of Engineering Extension Service, Purdue University, Lafayette, Ind. 1920

KNIGHT, ABNER R., Assistant Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1929

KNIGHT, ARTHUR J., Assistant Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1926

KNIGHT, CARL D., Professor of Experimental Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1907

KNIGHT, W. A., Professor of Mechanical Practice, The Ohio State University, Columbus, O. 1907

KNIPMEYER, CLARENCE C., Professor of Electrical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929

KNIPP, CHARLES T., Professor of Experimental Electricity, University of Illinois, Urbana, Ill. 1921

KNOWLES, MAHLON G., Instructor in Applied Science, Wentworth Institute, Boston, Mass. 1922

KNOWLES, MORRIS, President and Chief Engineer, 507 Westinghouse Building, Pittsburgh, Pa. (*Member of Council, 1921–4.*) 1919

KNOWLTON, ARCHER E., Associate Professor of Electrical Engineering, Yale University, New Haven, Conn. 1923

KOCH, RUTH L., Instructor in Coordination and Correlation, Speed Scientific School, University of Louisville, Louisville, Ky..... 1927

KOENITZER, LESTER H., Instructor in Applied Mechanics, Kansas State Agricultural College, Manhattan, Kansas 1929
KOERBER, G. A., Professor of Electrical Engineering, Delaware College, Newark, Del. 1915
KOLB, ROBERT P., Assistant Professor of Mechanical Engineering, North Carolina State College, Raleigh, N. C. 1925
KOLBE, PARKE R., President, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1926
KOMMERS, JESSE B., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1923
KOVARIK, ALOIS F., Professor of Physics, Sheffield Scientific School, Yale University, New Haven, Conn 1919
KOWALKE, OTTO L., Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1918
KRATHWOHL, WM. C., Associate Professor of Mathematics, Armour Institute of Technology, Chicago, Ill. 1927
KRAUSS, J. E., Personal Representative, E. I. DuPont de Nemours & Company, Wilmington, Del. 1929
KREFELD, WILLIAM J., Assistant Professor of Civil Engineering, Columbia University, New York City 1929
KUHLMAN, JOHN H., Assistant Professor of Electrical Design, University of Minnesota, Minneapolis, Minn. 1925
KUNKLE, GEORGE M., Instructor in Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1925
KURTZ, E. B., Chairman, Department of Electrical Engineering, University of Iowa, Iowa City, Iowa 1921
LAFRENIÈRE, THEO. J., Professor of Sanitary Engineering, École Polytechnique, 59 Notre Dame, East Montreal, Canada 1923
LAKE, WILFRED S., Assistant Professor of Industrial Engineering, Northeastern University, Boston, Mass. 1926
LAMBE, EMERSON P., Instructor in Physical Elements of Engineering, Pratt Institute, Brooklyn, N. Y. 1926
LAMBERT, B. J., Head, Dept. of Civil Engineering, State University of Iowa, Iowa City, Ia. 1907
LAMBERT, LEROY S., Assistant to the President, Northwestern Bell Telephone Company, 1204 Telephone Building, Omaha, Neb. 1929
LAMBERTINE, JOSEPH A., Instructor in Mechanical Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1928
LAMBIE, JOS. S., Operating Manager, Concrete Products Company of America, Diamond Bank Building, Pittsburgh, Pa..... 1914
LAMKIN, ROBERT L., Industrial Relations, Union Carbide Company, 30 East 42d Street, New York City 1929
LANDRETH, OLIN H., 140 Park Ave., Mt. Vernon, New York, N. Y. (*Vice President, 1908–9; Member of Council, 1892–5; 1901–4.*) 1893
LANE, HENRY M., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass..... 1926

LANGE, PAULUS, Assistant Professor of English, Iowa State College, Ames, Iowa 1922

LANGILLE, H. B., Associate Professor of Machine Design and Mechanical Drawing, University of California, Berkeley, Cal... 1915

LANGSDORF, ALEXANDER S., Dean, Schools of Engineering and Architecture, Washington University, 5187 Cabanne Ave., St. Louis, Mo. (*Member of Council, 1913–16.*) 1903

LANIER, A. C., Professor and Chairman, Department of Electrical Engineering, University of Missouri, Columbia, Mo. (*Member of Council, 1927–30.*) 1915

LANSIL, CLIFFORD E., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass..... 1925

LAPHAM, JOHN R., Dean, Professor of Civil Engineering, George Washington University, Washington, D. C. 1912

LARKIN, F. V., Director of Mechanical and Industrial Engineering, Lehigh University, Bethlehem, Pa. 1912

LARSON, C. WILLIAM, Instructor in Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1929

LARSON, G. L., Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1911

LATON, T. J., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. 1923

LAURSON, JAMES C., Assistant to President, University of Minnesota, Minneapolis, Minn. 1928

LAURSON, PHILIP G., Associate Professor of Engineering Mechanics, Yale University, New Haven, Conn. 1920

LAWRENCE, ERNEST F., Instructor in Electrical Engineering, Tufts College, Tufts College, (57) Mass. 1921

LAWRENCE, RUSSELL E., Dean of Engineering, University of Detroit, Detroit, Mich. 1926

LAWRENCE, R. R., Professor of Electrical Machinery, Massachusetts Institute of Technology, Cambridge, Mass. 1907

LAWS, F. A., Professor of Electrical Measurements, Massachusetts Institute of Technology, Cambridge, Mass. 1909

LAWSON, WENDELL P., Instructor in Architectural Design, The Pennsylvania State College, State College, Pa. 1926

LEAVITT, H. WALTER, Associate Professor of Civil Engineering, University of Maine, Orono, Me. 1922

LECONTE, J. N., Professor of Engineering Mechanics, University of California, Berkeley, Calif. 1913

LEE, FRANK H., Instructor in Engineering Drafting, Columbia University, New York City 1927

LEE, MYRON A., Professor of Industrial Engineering, Cornell University, Ithaca, N. Y. 1929

LEFAVOUR, ROLAND W., Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1921

LEFEBVRE, OLIVIER O., Chief Engineer, Quebec Streams Commission, New Court House, Montreal, Canada 1919

LEIGH, CHARLES W., Associate Professor of Analytic Mechanics, Armour Institute of Technology, Chicago, Ill..... 1928

LEIGHTON, ARTHUR W., Assistant Professor of Graphics, Tufts College, Tufts College, Mass. 1923

LELAND, O. M., Dean, College of Engineering and Architecture, and the School of Chemistry, University of Minnesota, Minneapolis, Minn. (*President, 1926–7; Member of Council, 1921–4; 1926–.*) 1908

LENDALL, HARRY N., Professor of Municipal and Sanitary Engineering, Rutgers University, New Brunswick, N. J..... 1912

LENNING, CARROLL K., Draftsman in Charge of Design, Ross Gear and Tool Co., Lafayette, Ind. 1922

LEONARD, HEMAN BURR, Professor of Mathematics, University of Arizona, Tucson, Ariz. 1919

LEONARD, SAMUEL J., Assistant Professor of Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1928

LEPAGE, CLIFFORD B., Assistant Secretary, The American Society of Mechanical Engineers, 29 West 39th St., New York City. 1908

LESTER, O. C., Professor of Physics, Dean of Graduate School, University of Colorado, Boulder, Colo. 1912

LEUTWILER, O. A., Professor of Mechanical Engineering Design, University of Illinois, Urbana, Ill. (*Member of Council, 1918–21.*) 1906

LEWIS, FRED J., Professor of Civil Engineering, Vanderbilt University, Nashville, Tenn. 1926

LEWIS, J. F., Assistant Manager, Pringle Electric & Mfg. Co., 505 Brinton St., Germantown, Philadelphia, Pa. (Life Member.) 1913

LEWIS, ROBERT S., Professor of Mining, University of Utah, Salt Lake City, Utah..... 1922

LEWISOHN, SAM A., Vice President and Treasurer, Miami Copper Company, 61 Broadway, New York City 1929

LIGHT, J. J., Assistant Professor of Mechanical Engineering, Pennsylvania State College, State College, Pa. 1917

LINCOLN, P. M., Director, School of Electrical Engineering, Cornell University, Ithaca, N. Y. 1911

LINDBLAD, A. F., Assistant Professor of Naval Architecture, University of Michigan, Ann Arbor, Mich. 1921

LINDELL, W. FRANCIS, Instructor in Engineering, University of Delaware, Newark, Del. 1922

LINDLEY, ROY W., Assistant Professor in Practical Mechanics, Purdue University, Lafayette, Ind. 1922

LINDSAY, FRANK B., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1928

LITTLE, ARLINGTON P., Professor of Electrical Engineering, Colorado School of Mines, Golden, Colo. 1918
LLOYD, HAROLD RHYS, Assistant Professor of Mechanical Engineering, University of Michigan, Ann Arbor, Mich 1926
LLOYD, TOM C., Professor in charge of Electrical Engineering, Antioch College, Yellow Springs, Ohio 1929
LOCKE, CHARLES E., Associate Professor of Mining Engineering and Ore Dressing, Massachusetts Institute of Technology, Cambridge, Mass. 1924
LOCKWOOD, E. H., Professor of Mechanical Engineering, Yale University, New Haven, Conn. 1908
LOCKWOOD, H. J., Professor of Power Engineering, Dartmouth College, Hanover, N. H. 1929
LOEBS, ELMER M., Instructor in Civil Engineering, University of Illinois, Urbana, Ill. 1928
LOHR, WM. S., Associate Professor of Civil Engineering, Lafayette College, Easton, Pa. 1927
LOMMEL, GEORGE E., Professor of Topographical Engineering, Purdue University, Lafayette, Ind. 1926
LOPEZ, T. N., Electrical Engineer, Manilla, P. I. 1927
LORAH, JAMES R., Assistant Professor of Chemical Engineering, University of Missouri, Columbia, Mo. 1928
LORY, CHARLES A., President, State Agricultural College of Colorado, Fort Collins, Colo. 1908
LOTT, SAMUEL H., Associate Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1921
LOVELL, ALFRED H., Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1920
LOVETT, I. H., Associate Professor of Electrical Engineering, University of Missouri, Rolla, Mo. 1921
LOWE, THOMAS M., Acting Assistant Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1928
LUCARINI, GENO B., Assistant Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1929
LUCKE, CHARLES E., Professor of Mechanical Engineering, Columbia University, New York, N. Y. 1906
LUDY, L. V., Professor of Experimental Engineering, Purdue University, Lafayette, Ind. 1902
LUEBS, AUGUST A., Associate Professor of Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1921
LUND, JACOB, Supt. Heat and Power Dept., Kansas State Agricultural College, Manhattan, Kans. 1910
LUTHER, H. B., Professor of Civil Engineering, University of Cincinnati, Cincinnati, O. 1914
LYFORD, OLIVER S., Vice President, Brooklands, Inc., 77 Kraft Avenue, Bronxville, N. Y. 1924

LYMAN, RICHARD R., Civil and Consulting Engineer, 47 E. So. Temple St., Salt Lake City, Utah 1908
LYNCH, D. E., Instructor in Forging, Foreman, Blacksmith Shop, Kansas State Agricultural College, Manhattan, Kans..... 1915
LYNN, ARTHUR E., Director of Guidance and Employment, Y. M. C. A. of City of New York, 166 Nelson Road, Scarsdale, N. Y. 1929
LYON, DORSEY A., Director, Utah Engineering Experiment Station, Salt Lake City, Utah 1923
LYONS, WALDO H., Associate Professor of Mathematics, Kansas State Agricultural College, Manhattan, Kans..... 1926
LYTLE, CHAS. W., Director of Industrial Coördination, New York University, New York City 1922
MACARTHUR, JOHN R., Professor of Languages, Dean of Freshmen, California Institute of Technology, Pasadena, Calif..... 1915
MACCONOCHIE, ARTHUR F., Associate Professor of Mechanical Engineering, University of Virginia, University, Va. 1923
MACCULLOUGH, GLEASON H., Assistant Professor of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1922
MACDONALD, JOHN, Associate Professor of Civil Engineering, Union College, Schenectady, N. Y. 1925
MACDONALD, S. L., Head of the Department of Mathematics, Colorado State Agricultural College, Ft. Collins, Colo. 1914
MACDOUGALL, CHARLES W., Assistant Professor of Mining Engineering, Lafayette College, Easton, Pa. 1928
MACK, ALBERT J., Professor of Mechanical Engineering, Kansas State Agricultural College, Manhattan, Kans..... 1919
MACKAVANAGH, T. J., Professor of Electrical Engineering, Catholic University of America, Washington, D. C. 1916
MACKAY, H. M., Dean, Faculty of Applied Science, McGill University, Montreal, Quebec, Canada 1914
MACKENZIE, C. J., Dean of Engineering, University of Saskatchewan, Saskatoon, Sask., Canada 1915
MACLEAN, EDWARD A., Bridge Designer, Maine Highway Commission; Band Brook Farm, Augusta, Maine 1923
MACLIN, EDWARD S., Professor of Industrial Education, West Virginia University, Morgantown, W. Va. 1922
MACNAUGHTON, EDGAR, Professor of Mechanical Engineering, Tufts College, Tufts College, Mass. 1916
MACNAUGHTON, JAS., President, Calumet and Hecla Mines, Calumet, Mich. 1905
MACNUTT, BARRY, Gloucester, Mass. 1910
MACOMBER, G. S., 110 Morningside Drive, New York City 1904
MAGNUSSON, C. EDWARD, Professor of Electrical Engineering, Director, Engineering Experiment Station, University of Wash-

ington, Seattle, Wash. (*Member of Council, 1911–4; 1922–5; Vice President, 1927–8.*) 1907
MAGRUDER, WM. T., Professor of Mechanical Engineering, The Ohio State University, Columbus, O. (*President, 1912–3; Vice President, 1905–6; Secretary, 1906–7; Member of Council, 1899–2; 1905–.*) 1893
MAHONE, LESLIE W., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa 1929
MAIN, C. T., President, Chas. T. Main, Inc., 201 Devonshire St., Boston, Mass. 1911
MALLORY, FRANCIS, Professor of Physics, Virginia Military Institute, Lexington, Va. 1912
MANDERFIELD, NICHOLAS, Associate Professor of Metallurgy and Ore-Dressing, Michigan College of Mining and Technology, Houghton, Mich. 1926
MANEY, GEORGE A., Professor of Structural Engineering, Northwestern University, Evanston, Ill. 1927
MANN, CHARLES A., Chief of Division and Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn.... 1917
MANN, C. L., Professor of Civil Engineering, North Carolina State College of Agriculture and Engineering, West Raleigh, N. C. 1917
MANN, C. R., Director, American Council on Education, 26 Jackson Place, Washington, D. C. (*Member of Council, 1918–21.*)... 1914
MANN, CLAIR V., Professor of Engineering Drawing, University of Missouri, Rolla, Mo. (*Member of Council, 1925–8.*) 1924
MANN, FREDERICK M., Professor and Head, School of Architecture, University of Minnesota, Minneapolis, Minn. 1925
MANSFIELD, EDWARD S., Head, Educational Bureau, The Edison Electric Illuminating Company, Boston, Mass..... 1929
MAO, T. E., President, Pei-Yang University, Tientsin, China 1923
MARCELLUS, JONTA B., Consulting Engineer, Federal Land Bank, Wichita, Kansas 1924
MARCH, HERMAN W., Associate Professor of Mathematics, University of Wisconsin, Madison, Wis. 1926
MARCHANT, GUY B., Assistant Professor of Electrical Engineering, Evansville College, Evansville, Ind. 1927
MARKER, J. R., Chief Engineer, Ohio Paving Brick Mfgrs. Association, 510 Hartman Bldg., Columbus, O. 1913
MARKLE, DAVID L., Associate Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926
MARKLE, E. W., Associate Professor of Electrical Engineering, A. & M. College of Texas, College Station, Tex. 1923
MARKS, LIONEL S., Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. (*Vice President, 1912–3.*).... 1909
MARQUIS, F. W., Professor of Steam Engineering, The Ohio State University, Columbus, Ohio 1910

MARR, ROBERT A., Assistant Professor of Civil Engineering, Virginia Military Institute, Lexington, Va. 1924
MARS, PAUL A. DE, Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1926
MARSDEN, RAYMOND R., Dean, Thayer School of Civil Engineering, Dartmouth College, Hanover, N. H. 1922
MARSH, MALCOLM R., Adjunct Professor of Engineering and Mathematics, Texas College of Mines and Metallurgy, El Paso, Texas 1929
MARSHALL, WM., Professor and Head, Dept. of Mathematics, Purdue University, Lafayette, Ind. 1923
MARSTON, ANSON, Dean of Engineering and Director of the Engineering Experiment Station, Iowa State College, Ames, Ia. (*President, 1914–5; Treasurer, 1906–7; Member of Council, 1914–.*) 1894
MARTENIS, JOHN V., Associate Professor of Machine Design, University of Minnesota, Minneapolis, Minn. 1908
MARTIN, W. H., Professor of Heat Engineering, Oregon Agricultural College, Corvallis, Ore. 1913
MARTINSON, EARL P., 906 15th Street, Rockford, Ill. 1927
MARX, C. D., Professor Emeritus of Civil Engineering, Stanford University, Stanford University, Calif. (*Vice President, 1899–00; Member of Council, 1893–6.*) 1893
MASON, H. LEA, Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1925
MASON, HOWARD W., Professor and Head, Department of Experimental Engineering, Georgia School of Technology, Atlanta, Ga. 1927
MATHEWSON, CHAMPION H., Professor of Metallurgy, Yale University, New Haven, Conn. 1921
MATHESON, ERNEST G., Associate Professor of Civil Engineering, University of British Columbia, Vancouver, B. C. 1926
MATHESON, KENNETH J., President, Drexel Institute, Philadelphia, Pa. 1929
MAURER, EDWARD R., Professor of Mechanics, University of Wisconsin, Madison, Wis. (*Vice President, 1918–9; Member of Council, 1909–12.*) 1897
MAVIS, FREDERIC T., Assistant Professor of Mechanics and Hydraulics, University of Iowa, Iowa City, Iowa 1929
MAXFIELD, HAROLD A., Assistant Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass..... 1925
MAXFIELD, M. J., 1265 East 31st Street, Brooklyn, N. Y..... 1924
MAXSON, GEORGE R., Associate Professor of Mechanical Drawing, University of Oklahoma, Norman, Okla. 1928
MAXWELL, H. L., Associate Professor of Chemical Engineering, Purdue University, Lafayette, Ind. 1929

MAYER, ERNEST J., Professor of Industrial Education, New Mexico Normal University, Las Vegas, N. M. 1928
MAYER, JOSEPH, Professor and Head, Department of Economics and Sociology, Tufts College, Tufts College, Mass..... 1927
MAYLOTT, CARLETON F., Instructor in Electrical Engineering, Lehigh University, Bethlehem, Pa. 1928
MAYROSE, HERMAN E., Professor of Drawing, University of Detroit, Detroit, Mich. 1926
MCALLISTER, A. S., Chief Division of Specifications, Bureau of Standards, Washington, D. C. 1911
MCBRIDE, WILBERT G., Professor of Mining Engineering, McGill University, Montreal, Canada 1929
MCCABE, FRANCIS T., Instructor in Rindge Technical School, Cambridge, Mass. 1921
MCCAFFERY, RICHARD S., Professor of Metallurgy, University of Wisconsin, Madison, Wis. 1911
MCCANDLISS, L. C., Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1914
MCCANN, WM. R., Engineer, Atmospheric Nitrogen Corporation, Hopewell, Va. 1912
MCCARTER, WILLIAM W., Instructor in Mechanical Engineering, A. & M. College of Texas, College Station, Texas 1929
MCCARTHY, R. H., 511 North Spring Avenue, La Grange, Ill..... 1924
MCCAUGHEY, W. J., Professor of Mineralogy, The Ohio State University, Columbus, Ohio 1923
MCCAUSTLAND, E. J., Dean, School of Engineering, and Director Engineering Experiment Station, University of Missouri, Columbia, Mo. (*Vice President, 1921–2; Member of Council, 1916–9.*) 1902
MCCLAIN, FRED H., Associate Professor of Electrical Engineering, Iowa State College, Ames, Ia. 1921
MCCLELLAND, E. H., Technology Librarian, Carnegie Library of Pittsburgh, Pittsburgh, Pa. 1912
MCCLINTIC, H. H., Vice-President McClintic-Marshall Construction Co., 1220 Oliver Bldg., Pittsburgh, Pa. 1910
MCCLINTOCK, WM. MCK., Assistant Professor of Mathematics, University of Minnesota, Minneapolis, Minn. 1922
MCCORMICK, ROBERT L., Professor and Head, Civil and Architectural Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929
MCCOSH, STANLEY A., Instructor in Civil Engineering, A. & M. College of Texas, College Station, Texas 1929
MCCOURT, WALTER E., Assistant Chancellor, Professor of Geology, Washington University, St. Louis, Mo. 1922
MCCULLOUGH, F. M., Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1910

McCULLY, HARRY M., Professor of Engineering Drawing and Descriptive Geometry, Carnegie Institute of Technology, Pittsburgh, Pa. 1926

McDANIEL, J. E., Professor and Director of Coöperative Courses, Georgia School of Technology, Atlanta, Ga. 1926

McDONALD, PHILIP B., Associate Professor of English, New York University, University Heights, New York, N. Y. 1917

McFARLAND, DAVID F., Professor and Head, Department of Metallurgy, The Pennsylvania State College, State College, Pa.... 1927

McGRATH, E. L. 1916

McINTOSH, W. R., Assistant Professor of Civil Engineering, University of Louisville, Louisville, Ky. 1927

McINTYRE, LEWIS W., Associate Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1919

McJOYNT, THOS. L., Professor of Coördination, University of Akron, Akron, O. 1924

McKEE, JAMES H., Associate Professor of English, Purdue University, Lafayette, Ind. 1924

McKEE, RALPH H., Professor of Chemical Engineering, Columbia University, New York, N. Y. 1919

McKEEMAN, CLYDE A., Instructor in Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio 1929

McKENRY, NELL, Assistant Secretary, Society for the Promotion of Engineering Education, University of Pittsburgh, Pittsburgh, Pa. 1923

McKERGOW, C. M., Professor of Mechanical Engineering, McGill University, Montreal, Canada. (*Member of Council, 1927–30.*) 1913

McKIBBEN, FRANK P., Consulting Engineer, Black Gap, Franklin Co., Pa. (*Vice President, 1919–20; 1925–6; Member of Council, 1912–18.*) 1904

McKIEL, HAROLD W., Professor of Engineering; Secretary, Engineering Faculty, Mount Allison University, Sackville, N. B., Canada 1922

McKINNON, JOHN C., Assistant Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1927

McLAUGHLIN, DONALD H., Professor of Mining Engineering, Harvard University, Cambridge, Mass. 1928

McLAURIN, BANKS, Adjunct Professor of Civil Engineering, University of Texas, Austin, Texas 1927

McLOUGLIN, FREDERIC O. X., Associate Professor of Civil Engineering, College of the City of New York, New York City..... 1927

McMURTRAY, H. D., Professor of Physics, North Texas Agricultural College, Arlington, Texas 1925

McNAMARA, FRANCIS T., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1929

McNEELY, JOHN K., Research Professor of Electrical Engineering, Iowa State College, Ames, Iowa 1926

McNEW, JOHN T. L., Professor of Highway Engineering, A. & M. College of Texas, College Station, Tex. 1923

McNOWN, W. C., Professor of Highway Engineering, University of Kansas, Lawrence, Kans. 1915

MEAD, D. W., Professor of Hydraulic and Sanitary Engineering, University of Wisconsin, Madison, Wis. 1908

MEANS, LESTER H., Industrial Service Department, General Electric Co., Schenectady, N. Y. 1928

MEEKER, W. H., Professor and Head, Department of Mechanical Engineering, Iowa State College, Ames, Ia. 1903

MEES, C. L., President Emeritus, Rose Polytechnic Institute, The Walden, Terre Haute, Ind. (*Member of Council, 1895–8.*) 1894

MEHRHOF, FLOYD E., Assistant Professor of Mechanical Engineering, Rutgers University, New Brunswick, N. J. 1923

MEIKLEJOHN, ROBERT, Assistant Professor of Engineering Drawing, Ohio State University, Columbus, O. 1909

MERRIAM, KENNETH G., Assistant Professor of Aeronautics, Worcester Polytechnic Institute, Worcester, Mass. (Life Member.) 1925

MERRICK, CHARLES M., Instructor in Mechanical Engineering, Lafayette College, Easton, Pa. 1929

MERRILL, JOSEPH F., Commissioner of Education, L.D.S. Church, 47 E. South Temple Street, Salt Lake City, Utah 1907

MERRITT, HAROLD W., Instructor in Physics, Cooper Union, New York City 1927

MERRY, MATTHEW H. 1926

MERRYFIELD, FRED, Teaching Fellow, University of North Carolina, Chapel Hill, N. C. 1927

MESERVE, WILLIAM E., Instructor in Electrical Engineering, Cornell University, Ithaca, N. Y. 1924

MESSERSMITH, CHARLES W., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1929

METZENHEIM, HENRY H., Assistant Professor of Electrical Engineering, Newark College of Engineering, Newark, N. J. 1926

MEYERS, ALVIN, Assistant Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1925

MICKEY, CLARK E., Chairman, Civil Engineering Department, University of Nebraska, Lincoln, Nebr. 1912

MILES, EGBERT J., Associate Professor of Mathematics, Yale University, New Haven, Conn. 1922

MILLAR, A. V., Assistant Dean, College of Engineering, Professor of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1914

MILLER, ALFRED L., Associate Professor of Civil Engineering, University of Washington, Seattle, Wash. 1927
MILLER, BENJAMIN L., Professor of Geology, Lehigh University, Bethlehem, Pa. 1925
MILLER, DAYTON C., Professor of Physics, Case School of Applied Science, Cleveland, O. (*Member of Council, 1914–7.*) 1907
MILLER, FORREST E., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn..... 1926
MILLER, HUGH, Professor of Civil Engineering, Union College, Schenectady, N. Y. (*Member of Council, 1923–6.*) 1909
MILLER, H. W., Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1922
MILLER, HARRY P., Instructor in Electrical Engineering, Pratt Institute, Brooklyn, N. Y. 1926
MILLER, JAMES S., Associate Professor of Electrical Engineering, University of Virginia, University, Va. 1921
MILLER, WILLIAM J., Dean of Engineering, Texas Technological College, Lubbock, Texas 1923
MILLS, GEORGE H., Instructor in Electrical Engineering, Case School of Applied Science, Cleveland, Ohio 1926
MILLS, JOHN, Director of Publication, Bell Telephone Laboratories, Inc., 463 West St., New York City 1921
MILTON, TALIAFERRO, Manager, Chicago Branch, Electric Storage Battery Co., 140 S. Dearborn Street, Chicago, Ill. 1925
MIMS, STALEY W., Huntsville, Texas 1927
MING, FREDERICK W., Instructor in Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1918
MINSHALL, ROBERT E., Associate Professor of Structural Engineering, The Pennsylvania State College, State College, Pa... 1921
MITCHELL, ALVA, Professor of Drawing, A. and M. College of Texas, College Station, Texas 1926
MITCHELL, C. H., Dean, Faculty of Applied Science and Engineering, University of Toronto, Toronto, Ont. (*Member of Council, 1925–8.*) 1925
MITCHELL, GROVER I., Associate Professor of Trades and Industries, Iowa State College, Ames, Iowa 1918
MITCHELL, LOUIS, Dean and Professor of Civil Engineering, Syracuse University, Syracuse, N. Y. 1913
MOCK, CLIFTON O., Instructor in Engineering Drawing, University of Kentucky, Lexington, Ky. 1929
MOCKMORE, CHARLES A., Associate Professor of Civil Engineering, Oregon State College, Corvallis, Ore. 1927
MOFFAT, GEORGE N., Instructor in Mechanical Engineering, The Ohio State University, Columbus, Ohio 1925
MONTGOMERY, ARTHUR B., Instructor in Business Administration, Northeastern University, Boston, Mass. 1926

MONTILLON, GEORGE H., Associate Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1925
MONTONNA, RALPH E., Associate Professor of Chemical Engineering, University of Minnesota, Minneapolis, Minn. 1925
MOODY, HOWARD W., Dean, School of Engineering, Mississippi A. and M. College, A. and M. College, Miss. 1925
MOODY, LEWIS F., Consulting Engineer, Cramp-Morris Industrials, Inc., Richmond and Norris Sts., Philadelphia, Pa. 1912
MOOMAW, DALTON, 1121 Blain, South Bend, Ind. 1911
MOORE, ARTHUR D., Associate Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich..... 1926
MOORE, G. ROLAND, Consulting Civil Engineer, Manasquan, N. J. 1927
MOORE, H. F., Research Professor of Engineering Materials, University of Illinois, Urbana, Ill. 1905
MOOTS, ELMER E., Professor of Mathematics and Engineering, Cornell College, Mount Vernon, Iowa 1927
MORE, CHAS. C., Professor of Structural Engineering, University of Washington, Seattle, Wash. (*Member of Council, 1919–22.*) 1901
MORECROFT, J. H., Professor of Electrical Engineering, Columbia University, New York, N. Y. 1908
MOREY, CHARLES W., President, Chicago Technical College, 118 E. 26th Street, Chicago, Ill. 1925
MORGAN, ARTHUR E., President, Dayton Morgan Engineering Co., Dayton; President, Antioch College, Yellow Springs, O..... 1921
MORGAN, JEROME J., Associate Professor of Chemical Engineering, Columbia University, New York City 1925
MORGAN, JESSE R., Dean of the Faculty, Professor of Languages, Colorado School of Mines, Golden, Colo. 1927
MORGAN, NEWLIN D., Associate Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1926
MORGAN, THEODORE H., Assistant Professor of Electrical Engineering, Stanford University, Stanford University, Calif. 1927
MORLEY, GEORGE A., Assistant Professor of Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1926
MORLEY, RAYMOND K., Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1922
MORRILL, J. B., 7236 Maryland St., St. Louis, Mo. 1914
MORRIS, CLYDE T., Professor of Civil Engineering, The Ohio State University, Columbus, O. 1907
MORRISON, IBRAHIM F., Professor of Applied Mechanics, University of Alberta, Edmonton, Alta, Canada 1912
MORRISON, ROGER L., Professor of Highway Engineering and Highway Transport, University of Michigan, Ann Arbor, Mich... 1925
MORROW, L. W. W., 26 Elm Street, Great Neck, N. Y. 1917

MORSE, FREDERICK T., Assistant Professor of Mechanical Engineering, Louisiana Polytechnic Institute, Ruston, La. 1927
MORSE, JAMES L., Engineer, Dorr Company, 1237 Marion Street, Denver, Colo. 1910
MORSE, REED F., Instructor in Civil Engineering, Kansas State Agricultural College, Manhattan, Kansas 1929
MORSS, EVERETT, President, Simplex Wire and Cable Co., 201 Devonshire Street, Boston, Mass. 1910
MOSER, CHAS., Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1918
MOSS, LINCOLN D., Assistant Professor of Mechanical Engineering, Columbia University, New York City 1925
MOSS, SANFORD A., Research Engineer, Thomson Laboratory, General Electric Co., West Lynn, Mass. 1911
MOTA, CANDELARIO C., Assistant Professor of Civil Engineering, University of Porto Rico, Mayaguez, P. R. 1925
MOTT, WILLIAM E., Director, College of Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. (*Member of Council, 1917–20.*) 1907
MOYER, JAMES A., Director, Division of University Extension, Massachusetts Department of Education, Boston, Mass. 1904
MUDGE, STERLING W., Lubrication Dept., Standard Oil Co. of N. Y., 11 The Place, Glen Cove, L. I., N. Y. 1923
MUELLER, G. V., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1926
MULLIGAN, JAMES E., Instructor in Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass... 1929
MUNCY, VICTOR E., Head, Department Physics and Electricity, Ohio Mechanics Institute, Cincinnati, Ohio 1926
MUNRO, GEORGE W., Professor of Thermodynamics, Purdue University, Lafayette, Ind. 1915
MUNRO, MELVILLE S., Assistant Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1914
MUNRO, RONALD J., Instructor in Mechanical Engineering, University of New Mexico, Albuquerque, N. M. 1928
MUNROE, H. S., Emeritus Professor of Mining, Columbia University, Litchfield, Conn. (*President, 1909–10; Member of Council, 1905–.*) 1893
MUNSON, THURMOND A., Professor of Railway Engineering, A. & M. College of Texas, College Station, Texas 1923
MURDOUGH, J. H., Professor of Civil Engineering, Texas Technological College, Lubbock, Texas 1926
MURPHY, GLENN, Instructor in Civil Engineering, University of Colorado, Boulder, Colo. 1929
MURRAY, DANIEL A., Professor of Mathematics, McGill University, Montreal, Canada 1910

MURRIE, J. L., Consulting Engineer, 4 Irving Place, New York, N. Y. 1915

MYERS, HOWARD D., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. 1922

NAETER, ALBRECHT, Professor and Head, Department of Electrical Engineering, Oklahoma A. & M. College, Stillwater, Okla.... 1924

NAGLER, FLOYD A., Professor of Hydraulic Engineering, University of Iowa, Iowa City, Ia. 1921

NASH, C. A., Assistant Professor of Electrical Engineering, Armour Institute of Technology, Chicago, Ill. 1913

NASH, PHILLIP C., Dean and Professor of Civil Engineering, Antioch College, Yellow Springs, O. 1921

NAVAS, J. M., Escuela Central de Ingenieros Industriales, Po del Prado, 28, Madrid, Spain 1925

NEAL, JESSE H., Instructor in Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1927

NEAL, Y. A., Educational Director, Y. M. C. A. Schools, 1436 Gould Road, Toledo, Ohio 1927

NEEDY, JOHN A., Dean of Engineering, Ohio Northern University, Ada, Ohio. 1919

NEFF, FRANK H., Professor of Civil Engineering, Case School of Applied Science, Cleveland, O. 1895

NELSON, J. R., Professor of English, University of Michigan, Ann Arbor, Mich. (*Member of Council, 1918–21.*) 1914

NELSON, W. K., Assistant Professor of Engineering Mathematics, University of Colorado, Boulder, Colo. 1923

NELSON, WENDELL M., Executive Assistant, Industrial Relations Dept., General Electric Co., Schenectady, N. Y. 1924

NESBITT, C. S., Instructor in English, The Ohio State University, Columbus, Ohio 1925

NESBITT, RUSSELL B., Assistant Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1925

NEWCOMB, JOHN L., Professor of Civil Engineering, Dean, School of Engineering, University of Virginia, University, Va. 1915

NEWELL, HOBART H., Assistant Professor of Experimental Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925

NEWKIRK, BURT L., In charge of Mechanics Section, Research Engineer, General Electric Co., Schenectady, N. Y. 1908

NEWMAN, ALBERT B., Professor of Chemical Engineering, Cooper Union, New York City 1929

NEWMAN, C. M., Professor of English, Virginia Polytechnic Institute, Blacksburg, Va. 1917

NEWMAN, DERWOOD A., Instructor in Chemistry, Northeastern University, Boston, Mass. 1926

NEWTON, GUY D., Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1913
NICHOLAS, JOHN E., Instructor in Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1926
NICHOLS, LEON G., Director, Cincinnati Y. M. C. A. Schools, Elm and Central Parkway, Cincinnati, Ohio 1925
NICHOLSON, HUGH P., Instructor in Mining Engineering, University of Illinois, Urbana, Ill. 1929
NIELSEN, PAUL E., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1928
NIGHTINGALE, WINTHROP E., Director of Coöperative Work, Northeastern University, Boston, Mass. 1925
NIMS, ALBERT A., Associate Professor of Electrical Engineering, College of Engineering, Newark, N. J. 1928
NINDE, GEORGE F. 1928
NISSAR, A. R., Deputy Head, Electrical Engineering Dept., Victoria Jubilee Technical Institute, Byculla, India 1923
NOLD, H. E., Professor of Mine Engineering, The Ohio State University, Columbus, O. 1916
NOLLAU, LOUIS E., Professor and Head, Department of Drawing, University of Kentucky, Lexington, Ky. 1928
NORMAN, CARL A., Professor of Machine Design, The Ohio State University, Columbus, O. 1918
NORMAN, JAMES W., Dean, Teachers College, University of Florida, Gainesville, Fla. 1927
NORRIS, EARLE B., Dean of Engineering, Virginia Polytechnic Institute, Blacksburg, Va. (*Member of Council, 1924–7.*).... 1907
NORRIS, FERRIS W., Associate Professor of Electrical Engineering, University of Nebraska, Lincoln, Nebr. 1925
NORRIS, H. H., Educational Advisor, Boston Elevated Railway, 16 Sheffield West, Winchester, Mass. (*Secretary, 1909–14; Vice President, 1914–5.*) 1900
NORTON, ARTHUR E., Associate Professor of Mechanical Engineering, Harvard University, Cambridge, Mass. 1910
NORTON, CHARLES L., Head, Department of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1908
NORTON, PAUL T. JR., Professor of Industrial Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1926
NORTON, PAUL W., Assistant Professor of Architecture, Massachusetts Institute of Technology, Cambridge, Mass. 1926
NUDD, WILLARD E., Assistant Professor of Engineering Drawing, Case School of Applied Science, Cleveland, O. 1923
NYGARD, ERIC, Instructor in Civil Engineering, Union College, Schenectady, N. Y. 1927
NYSWANDER, R. E., Professor of Physics and Director, School of Electrical Engineering, University of Denver, Denver, Colo. 1912

OAKES, HERBERT L., State Highway Department, Topeka, Kans... 1926
O'BANION, ALBERT L., Professor of Electrical Engineering, Clemson Agricultural College, Clemson College, S. C..... 1928
O'BRIEN, A. V., Superintendent, Manufacturers Laboratory, State University of Iowa, Iowa City, Iowa 1923
OGBURN, S. CICERO, JR., Professor and Head, Department of Chemical Engineering, Bucknell University, Lewisburg, Pa. 1928
O'HARA, JAY L., Lecturer in Economics, University of Minnesota, Minneapolis, Minn. 1926
O'HARA, CLEOPHAS C., President and Professor of Geology, South Dakota State School of Mines, Rapid City, S. D. 1925
OHLE, ERNEST L., Professor of Mechanical Engineering, Washington University, St. Louis, Mo. 1905
OLIVER, WILLIAM A., Instructor in Civil Engineering, Case School of Applied Science, Cleveland, Ohio 1928
OLMSTED, CHARLES T., Assistant Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1929
OLSEN, TINIUS, President, Tinius Olsen Testing Machine Co., 500 N. 12th St., Philadelphia, Pa. 1907
OLSON, OSCAR A., Assistant Professor of Mechanical Engineering, Iowa State College, Ames, Ia. 1915
ORBECK, MARTIN J., Principal Assistant Engineer, Holland, Ackerman and Holland, 106 E. Liberty St., Ann Arbor, Mich. 1920
O'ROURKE, EDWARD V., Assistant Professor of Mine Engineering, The Ohio State University, Columbus, Ohio 1929
ORR, JOSEPH A., Instructor in Civil Engineering, A. & M. College of Texas, College Station, Texas 1929
ORTH, H. D., Head, Dept. of Drawing and Descriptive Geometry, University of Wisconsin, Madison, Wis. 1910
OSBORNE, L. A., President, Westinghouse Electric International Co., 165 Broadway, New York, N. Y. 1911
OSGOOD, FARLEY, Consulting Engineer, 31 Nassau Street, New York City 1925
O'SHAUGHNESSY, LOUIS, Professor of Applied Mathematics, Virginia Polytechnic Institute, Blacksburg, Va. 1912
OSTRANDER, J. E., Professor of Mathematics and Civil Engineering, Massachusetts Agricultural College, Amherst, Mass..... 1894
OTHUS, JAMES C., Assistant Professor of Mechanics and Materials, Oregon State College, Corvallis, Ore. 1928
OTT, PERCY W., Associate Professor of Mechanics, The Ohio State University, Columbus, Ohio 1925
OTTER, JOHN V., Instructor in Engineering Drawing, The Ohio State University, Columbus, Ohio 1929
OWEN, RAY S., Associate Professor of Topographic Engineering, University of Wisconsin, Madison, Wis. 1925

OWENS, FREDERICK W., Professor and Head, Dept. of Mathematics, The Pennsylvania State College, State College, Pa. 1926
OWENS, HERBERT D., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1927
PAINE, ELLERY B., Professor and Head, Dept. of Electrical Engineering, University of Illinois, Urbana, Ill. 1911
PALMER, C. C., Professor of Electrical Engineering, A. and M. College of Texas, College Station, Texas 1926
PALMER, C. E., Professor of Architectural Engineering, University of Illinois, Urbana, Ill. 1928
PALMER, C. I., Professor of Mathematics, Dean of Students, Armour Institute of Technology, Chicago, Ill. 1922
PALMER, IRVING A., Professor of Metallurgy, Colorado School of Mines, Golden, Colo. 1926
PALMER, JULIUS C., Assistant Professor of Mechanism and Engineering Drawing, University of Michigan, Ann Arbor, Mich. 1926
PALSGROVE, GRANT K., Professor of Hydraulic Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1918
PARK, C. F., Professor of Mechanism, Director of the Mechanical Laboratories, Director of Lowell Institute School for Industrial Foremen, Massachusetts Institute of Technology, Cambridge, Mass. 1903
PARK, C. W., Professor of English, College of Engineering and Commerce, University of Cincinnati, Cincinnati, O. 1915
PARKER, ERI B., Professor of Mechanical Engineering, State College of Washington, Pullman, Wash. 1926
PARKER, GEORGE S., Associate Professor of Electrical Engineering, Syracuse University, Syracuse, N. Y. 1922
PARKER, J. C., Vice President in charge of Engineering, Brooklyn Edison Co., Inc., 380 Pearl St., Brooklyn, N. Y. 1916
PARKER, WALTER H., Professor of Mining, University of Minnesota, Minneapolis, Minn. 1925
PATERSON, DONALD G., Professor of Psychology, University of Minnesota, Minneapolis, Minn. 1925
PATTEN, W. E., Civil Engineer, 401 Conklin Avenue, Binghamton, N. Y. 1915
PATTERSON, L. L., Professor of Electrical Engineering, Mississippi A. & M. College, Agricultural College, Miss. 1915
PAUL, C. E., Professor of Mechanics, Armour Institute of Technology, Chicago, Ill. 1907
PEARCE, C. E., Assistant Professor of Applied Mechanics and Machine Design, Kansas State Agricultural College, Manhattan, Kans. 1917
PEARSON, H. G., Professor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1923

PEARSON, R. A., President, University of Maryland, College Park, Md. 1914

PEDDLE, JOHN B., Acting President, Professor of Machine Design, Rose Polytechnic Institute, Terre Haute, Ind. 1929

PEEBLES, JAMES C., Professor of Experimental Engineering, Armour Institute of Technology, Chicago, Ill. 1927

PEET, J. C., Professor of Electrical Engineering, College of Engineering, Newark, N. J. 1923

PEFFER, H. C., Head, Dept. of Chemical Engineering, Purdue University, Lafayette, Ind. 1924

PEGRAM, GEORGE B., Dean, School of Mines, Engineering and Chemistry, Professor of Physics, Columbia University, New York, N. Y. (*President, 1925–6; Vice President, 1924–5; Member of Council, 1924–.*) 1918

PEHRSON, E. W., Associate Professor of Mathematics, University of Utah, Salt Lake City, Utah. 1915

PENCE, W. D., Consulting Engineer, Room 1947, 120 South La Salle Street, Chicago, Ill. 1895

PENDER, HAROLD, Dean, Moore School of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. (*Member of Council, 1924–7.*) 1909

PENN, JOHN C., Dean of Engineering, Armour Institute of Technology, Chicago, Ill. 1915

PENNOCK, GEORGE A., Assistant Works Manager, Western Electric Company, Inc., Chicago, Ill. 1929

PERRY, C. F., Assistant Superintendent, Milwaukee Public Schools, 325 Tenth St., Milwaukee, Wis. 1907

PERRY, F. GARDINER, Director of Research, Babson Statistical Organization, 119 Brook Street, Wellesley, Mass. 1924

PERRY, JOHN E., Assistant Professor of Railroad Engineering, Cornell University, Ithaca, N. Y. 1922

PERRY, LYNN, Assistant Professor of Civil Engineering, Lafayette College, Easton, Pa. 1923

PERRY, ROBERT V., Professor of Machine Design, Director, Evening Classes, Armour Institute of Technology, Chicago, Ill. 1926

PERRY, WILLIAM S., Assistant Professor of Physics, University of Florida, Gainesville, Fla. 1918

PETTEE, C. H., Dean, University of New Hampshire, Durham, N. H. 1898

PETTENGILL, TRUE E., Registrar's Fellow, University of Minnesota, Minneapolis, Minn. 1927

PETTY, BENJAMIN H., Associate Professor of Highway Engineering Purdue University, Lafayette, Ind. 1925

PFEIF, G. H., Director of Industrial Relations, General Electric Co., Schenectady, N. Y. 1918

PHELON, JOSEPH O., Professor of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1902
PHELPS, GUY M., Associate Professor of Descriptive Geometry and Drawing, Rensselaer Polytechnic Institute, Troy, N. Y..... 1925
PHELPS, HOWARD E., Professor of Highway Engineering, State College of Washington, Pullman, Wash. 1924
PHILBRICK, HERBERT S., Professor of Mechanical Engineering, Northwestern University, Evanston, Ill. 1913
PHILLIPS, MARK C., Associate Professor of Mechanical Engineering, Oregon State Agricultural College, Corvallis, Ore..... 1929
PICKETT, WILLIAM J., Assistant Professor of Mathematics, Cooper Union, New York City 1926
PIERCE, CLARENCE A., Assistant Professor of Theoretical Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1925
PILLET, FREDERICK F., Associate Professor of Civil Engineering, Louisiana State University, Baton Rouge, La. 1925
PINNEY, JAMES C., Consulting Engineer, Box 382, Fort Myers, Fla. 1919
PIPER, FRED. F., Professor of Physics, Clarkson College of Technology, Potsdam, N. Y. 1915
PITOU, EUGENE, President, The Patent Scaffolding Company, 522 Fifth Avenue, New York City 1929
PLANK, WILLIAM B., Head, Dept. of Mining Engineering, Lafayette College, Easton, Pa. 1921
PLANT, L. C., Head of the Department of Mathematics, Michigan State College, East Lansing, Mich. 1913
POAGUE, ROBERT B., Professor of Mechanics and Drawing, Virginia Military Institute, Lexington, Va. 1924
POLLAY, FRANK J., Professor of History and Economics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1926
POND, FRANCIS J., Professor of Chemistry, Stevens Institute of Technology, Hoboken, N. J. 1912
POND, M. A., Assistant Professor of Civil Engineering, Cornell University, Ithaca, N. Y. 1923
POORMAN, A. P., Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1907
PORTER, DAVID B., Assistant Professor of Industrial Engineering, New York University, New York City 1923
PORTER, DWIGHT, Professor Emeritus, Massachusetts Institute of Technology; 149 Hawthorne, St., Malden, Mass. 1893
PORTER, FRANCIS M., Assistant Professor of Engineering Drawing, University of Illinois, Urbana, Ill. 1912
PORTER, J. F., President, Kansas City Power & Light Co., Kansas City, Mo. 1912
PORTER, R. A., Professor of Physics, Syracuse University, Syracuse, N. Y. 1908

PORTER, ROLAND G., Associate Professor of Electrical Engineering, Northeastern University, Boston, Mass. 1926
PORTER, R. H., N. J. Zinc Co., Palmerton, Pa. 1915
POTTER, A. A., Dean, Schools of Engineering, Director, Engineering Experiment Station, Purdue University, Lafayette, Ind. (*President, 1924–5; Vice President, 1919–20; Member of Council, 1916–19; 1924–.*) 1908
POTTER, ORRIN W., Assistant Professor of Machine Design and Drawing, University of Minnesota, Minneapolis, Minn. 1925
POTTS, CLYDE, Civil and Sanitary Engineer, 30 Church St., New York City 1922
POUND, JOSEPH H., Professor of Mechanical Engineering, Rice Institute, Houston, Tex. 1916
POWELL, ALBERT P., Instructor in Electrical Engineering, The Pennsylvania State College, State College, Pa. 1926
POWELL, RALPH W., Assistant Professor of Mechanics, The Ohio State University, Columbus, Ohio 1922
POWERS, W. P., Secretary-Treasurer, U. S. Tool Company, Ampere, N. J. 1914
PRAGEMAN, IRVING H., Assistant Professor of Mechanical Engineering, University of Maine, Orono, Maine 1923
PRATT, CHARLES, Secretary, Board of Trustees, Pratt Institute, Brooklyn; 950 Park Avenue, New York, N. Y. 1929
PRENTICE, DONALD B., Dean and Professor of Mechanical Engineering, Lafayette College, Easton, Pa. (*Member of Council, 1927–30.*) 1912
PRESS, ABRAHAM, 319 Dorset Ave., Chevy Chase, Md. 1916
PRICE, HAROLD W., Professor of Electrical Engineering, University of Toronto, Toronto, Ont., Canada 1924
PRICE, JOHN R., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1926
PRIESTER, GEORGE C. Professor of Materials of Engineering, University of Minnesota, Minneapolis, Minn. 1920
PRIME, A. C., Consulting Engineer, 622 Race St., Philadelphia, Pa. (Life Member) 1910
PRIOR, JOHN A., Assistant Professor of Mechanical Engineering, University of Pennsylvania, Philadelphia, Pa. 1923
PRIOR, JOHN C., Professor of Civil Engineering, The Ohio State University, Columbus, Ohio 1926
PRITCHARD, SAMUEL R., Professor of Electrical Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1914
PROBST, EMIL, Professor of Civil Engineering, Technische Hochschule, Vorholzstrasse 2, Kalsruhe, Baden, Germany 1925
PROVINE, LORING H., Professor of Architectural Engineering, Head of Dept. of Architecture, University of Illinois, Urbana, Ill. 1920

PUCHSTEIN, ALBERT F., Associate Professor of Electrical Engineering, The Ohio State University, Columbus, Ohio 1928
PUERNER, RUSSELL E., Assistant Professor of Machine Design, University of Wisconsin, Madison, Wis. 1928
PUFFER, LOUIS B., Associate Professor of Civil Engineering, University of Vermont, Burlington, Vt. 1922
PULLEN, M. W., Associate in Electrical Engineering, Johns Hopkins University, Baltimore, Md. 1909
PUMPHREY, FRED H., Professor of Electrical Engineering, Rutgers University, New Brunswick, N. J. 1928
PUPIN, MICHAEL I., Professor of Physics, Columbia University, New York City 1927
PURDIE, K. S., Associate Professor of Mathematics, Virginia Military Institute, Lexington, Va. 1927
PURYEAR, CHARLES, Dean and Professor of Mathematics, Texas A. and M. College, College Station, Texas 1901
PUTNAM, RUSSELL C., Assistant Professor of Electrical Engineering, Case School of Applied Science, Cleveland, Ohio..... 1927
PYLE, HUGH G., Instructor in Engineering Extension, The Pennsylvania State College, State College, Pa. 1928
QUIGLEY, LEON V., Technical Editor, Bakelite Corp., The Shelton Hotel, New York City 1927
RABER, B. F., Professor of Mechanical Engineering, University of California, Berkeley, Calif. 1915
RADER, LLOYD F., Assistant Professor of Civil Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925
RAGATZ, ROLAND A., Assistant Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1927
RAMIREZ, JAVIER P., Professor of Electrical Engineering, Escuela de Ingenieros Mecanicos y Electricistas, Civilizacion 52.—Tacubaya, DF., Rep. Mexicana 1925
RANDALL, JOHN A., President, Rochester Athenaeum and Mechanics Institute, Rochester, N. Y. 1911
RANDOLH, JAMES R., Professor of Mechanical Engineering, Rhode Island State College, Kingston, R. I. 1925
RAPPEL, U. J., Professor of Electrical Engineering, University of Dayton, Dayton, O. 1919
RATHBUN, JOHN C., Professor of Civil Engineering, Antioch College, Yellow Springs, Ohio 1925
RAUB, JOSEPH W., Instructor in Mechanical Engineering, Purdue University, Lafayette, Ind. 1928
RAUB, LEO G., Professor of Physics, New River State School, Montgomery, W. Va. 1926
RAYL, F. V., Instructor in Physics, Washington High School, Sioux Falls, S. D. 1929

RAYMOND, ALLAN T., Instructor in Engineering Drawing, University of Missouri, Columbia, Mo. 1927
RAYMOND, F. N., Professor of English, University of Kansas, Lawrence, Kans. 1910
RAYMOND, HOWARD M., President, Armour Institute of Technology, Chicago, Ill. 1903
RAYMOND, WILLIAM R., Professor of English, Iowa State College, Ames, Ia. 1922
RAYNER, WM. H., Assistant Professor of Surveying, University of Illinois, Urbana, Ill. 1913
REBER, LOUIS E., % National City Bank, 51, Blvd. and Haussman, Paris, France. (*Member of Council, 1901–7.*) 1893
REED, K. W., Box 1106, Dallas, Texas 1915
REED, PERCY L., Professor of Civil Engineering, University of Florida, Gainesville, Fla. 1914
REEN, CALVIN G., Assistant Professor of Civil Engineering, Gettysburg College, Gettysburg, Pa. 1924
REES, ROBERT I., Assistant Vice President, American T. & T. Company, 195 Broadway, New York City. (*President, 1928–29; Member of Council, 1925–8; 1929–.*) 1924
REEVES, EDWARD H., Associate, Division of Municipal and Industrial Research, Massachusetts Institute of Technology, Cambridge, Mass. 1928
REMICK, B. L., Professor of Mathematics, Kansas State Agricultural College, Manhattan, Kans. 1915
RETTGER, ERNEST W., Professor of Applied Mechanics, Cornell University, Ithaca, N. Y. 1927
REULING, WALTER E., Assistant Professor of Mechanical Engineering, Michigan State College, East Lansing, Mich. 1929
REW, IRWIN, Trusteee of Northwestern University, 217 Dempster St., Evanston, Ill. 1913
REYNOLDS, JAMES A., Assistant Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1922
REYNOLDS, JOSEPH B., Professor of Mathematics and Theoretical Mechanics, Lehigh University, Bethlehem, Pa. 1920
RHOADS, ROBERT L., Dean of Engineering, University of Wyoming, Laramie, Wyo. 1925
RHODES, LELAND S., Associate Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1925
RHODES, SAM R., Professor of Electrical Engineering, Clemson Agricultural College, Clemson College, S. C. 1927
RHODES, WALTER K., Professor of Electrical Engineering, Bucknell University, Lewisburg, Pa. 1925
RICE, HARRIS, Professor of Mathematics, Worcester Polytechnic Institute, Worcester, Mass. 1919

RICE, H. A., Professor and Head, Dept. of Civil Engineering, University of Kansas, Lawrence, Kans. 1915
RICHARDS, CHARLES RUSS, President, Lehigh University, Bethlehem, Pa. (*Vice President, 1914–5; Member of Council, 1910–3.*) 1895
RICHARDS, WM. H., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1910
RICHARDSON, DONALD E., Assistant Professor of Electrical Measurements, Armour Institute of Technology, Chicago, Ill. 1929
RICHARDSON, G. R., 28 Marine Avenue, Brooklyn, N. Y. 1912
RICHARDSON, M. R., Associate Professor of Mathematics, Georgia School of Technology, Atlanta, Ga. 1910
RICHEY, JOHN J., Professor of Civil Engineering, A. & M. College of Texas, College Station, Tex. (*Member of Council, 1926–9.*) 1910
RICHMOND, ALLEN P., Assistant to Secretary, A. S. C. E., 29 West 39th St., New York City 1927
RICHMOND, RUSSELL F., Instructor in Drawing and Architecture, University of Arkansas, Fayetteville, Ark. 1926
RICHTER, A. W., President, Price Mfg. Co., Yakima, Wash. 1894
RICKER, CLAIRE W., Professor of Electrical Engineering, Tulane University, New Orleans, La. 1921
RIDD, STANLEY J., Assistant to General Manager, American Creosoting Company, Louisville, Ky. 1928
RIETZ, HENRY LEWIS, Professor and Head of Department of Mathematics, The State University of Iowa, Iowa City, La. .. 1919
RIGGS, H. E., Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1913
RIGGS, NORMAN C., Professor of Applied Mechanics, Carnegie Institute of Technology, Pittsburgh, Pa. (*Member of Council, 1929–32.*) 1907
RISING, JUSTUS, Associate Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1926
RISLEY, W. J., Professor and Head, Dept. of Mathematics, Colorado School of Mines, Golden, Colo. (*Member of Council, 1918–21.*) 1910
RITTENHOUSE, L. H., Professor of Engineering, Haverford College, Haverford, Pa. 1906
RITTMAN, WALTER F., Professor and Head, Dept. of Commercial Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1924
ROARK, RAYMOND J., Associate Professor of Mechanics, University of Wisconsin, Madison, Wis. 1919
ROBB, ROBERT E., Director of Personnel and Coördination, General Motors Institute, Flint, Mich. 1927
ROBB, WM. L., Head Department of Electrical Engineering, Rensselaer Polytechnic Institute, Troy, N. Y. 1922

ROBBINS, ARTHUR G., Professor of Topographical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1894

ROBERT, JAMES M., Professor of Machine Design, Tulane University, New Orleans, La. 1922

ROBERT, JULES H., Professor of Applied Mechanics, Kansas State Agricultural College, Manhattan, Kans. 1926

ROBERTS, CHARLES P., Instructor in Mechanical Engineering, The Ohio State University, Columbus, Ohio 1926

ROBERTS, EMERSON B., Educational Dept., Westinghouse E. & M. Co., East Pittsburgh, Pa. 1919

ROBERTS, EVERETT L., Assistant Professor of Electrical Engineering, University of Maine, Orono, Me. 1927

ROBERTS, MILNOR, Dean of the College of Mines, and Professor of Mining Engineering, University of Washington, Seattle, Wash. 1910

ROBERTSON, BURTON J., Associate Professor of Gas Engines and Automotives, Acting Director, Experimental Engineering Laboratory, University of Minnesota, Minneapolis, Minn. ... 1922

ROBINSON, LEWIS T., Engineer in Charge of Engineering Laboratory, General Electric Co., Schenectady, N. Y. 1925

ROBINSON, MAX B., Director of Training and Technical Employment, Cincinnati Milling Machine Company, Cincinnati, Ohio 1915

ROBISON, GEORGE M., Assistant Professor of Mathematics, Duke University, Durham, N. C. 1924

ROCKWELL, EDWARD H., Simon Cameron Long Professor of Civil Engineering and Director of Department, Lafayette College, Easton, Pa. (*Member of Council, 1919–22.*) 1907

RODE, N. F., Associate Professor of Electrical Engineering, A. and M. College of Texas, College Station, Texas 1926

RODHOUSE, T. J., Professor of Hydraulic Engineering, University of Missouri, Columbia, Mo. 1904

RODMAN, WALTER S., Professor of Electrical Engineering, University of Virginia, University, Va. (*Vice President, 1926–7; Member of Council, 1919–22.*) 1915

ROE, HARRY B., Associate Professor of Agricultural Engineering, University of Minnesota, University Farm, St. Paul, Minn. .. 1925

ROE, JOSEPH W., Professor of Industrial Engineering, New York University, New York City 1908

ROEHRIG, GEORGE F., Assistant Professor of Civil Engineering, Lafayette College, Easton, Pa. 1926

ROEMMELE, HERBERT F., Instructor in Mechanical Engineering, Cooper Union, New York City 1927

ROESCH, DANIEL, Professor of Automotive Engineering, Armour Institute of Technology, Chicago, Ill. 1922

ROGERS, ALLEN, Supervisor, Industrial Chemical Engineering, Pratt Institute, Brooklyn, N. Y. 1926

ROGERS, CHARLES E., Professor of Civil Engineering, Trinity College, Hartford, Conn. 1917
ROGERS, H. S., Dean, School of Engineering, Oregon State Agricultural College, Corvallis, Ore. (*Member of Council, 1928–31.*) 1922
ROLLINS, EDWIN B., Professor of Electrical Engineering, Tufts College, Tufts College, Mass. 1912
ROMNESS, JULIUS, Instructor in Agricultural Engineering University of Minnesota, Minneapolis, Minn. 1927
ROOD, JAS. T., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1927
ROOT, RALPH E., Professor of Mathematics and Mechanics, Postgraduate School, U. S. Naval Academy, Annapolis, Md. 1914
RORTY, M. C., Vice-President, International Telephone and Telegraph Company, 67 Broad St., New York, N. Y. 1912
ROSE, FRANKLIN O., Instructor in Engineering and Mathematics, Modesto Junior College, Modesto, Calif. 1928
ROSEBRUGH, T. R., Professor of Electrical Engineering, University of Toronto, Toronto, Ontario, Canada 1896
ROSING, ANTON S., Publicity Manager, Armco Culvert Mfgrs. Assoc., 1315 S. Main St., Middletown, Ohio 1911
ROSS, JOHN A., Junior Dean of Administration, Professor of Mechanical Engineering, Clarkson College of Technology, Potsdam, N. Y. 1926
ROSSMASSLER, CARL, Professor of Machine Design and Mechanical Drawing, Cooper Union, New York City 1925
ROTERS, HERBERT C., Assistant Professor of Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1928
ROWE, JOSEPH E., President, Clarkson College of Technology, Potsdam, N. Y. 1928
ROWELL, L. D., Associate Professor of Electrical Engineering, Purdue University, Lafayette, Ind. 1910
ROWLEY, F. B., Professor of Mechanical Engineering; Director, Experimental Engineering Laboratories, University of Minnesota, Minneapolis, Minn. 1910
ROYS, CARL S., Instructor in Electrical Engineering, Purdue University, Lafayette, Ind. 1925
ROYS, FRANCIS W., Professor and Head, Dept. of Mechanical Engineering, Worcester Polytechnic Institute, Worcester, Mass. .. 1925
RUBENKOENIG, HARRY, Professor of Railway Mechanical Engineering, Purdue University, Lafayette, Ind. 1920
RUBEY, HARRY, Chairman, Civil Engineering Dept., University of Missouri, Columbia, Mo. 1917
RUGEN, ROBERT E., Industrial Service Dept., General Electric Co., Schenectady, N. Y. 1925
RUGG, W. S., Vice President in charge of Engineering, Westinghouse E. and M. Co., East Pittsburgh, Pa. 1926

RUMSEY, PAUL T., Instructor in Electrical Engineering, University of Missouri, Columbia, Mo. 1926

RUNNING, THEODORE R., Professor of Mathematics, University of Michigan, Ann Arbor, Mich. 1918

RUSH, HARRY S., Professor of Electrical Engineering, North Dakota Agricultural College, Fargo, N. D. 1919

RUSS, JOHN M., Assistant Professor of Engineering Drawing, The Ohio State University, Columbus, Ohio 1924

RUSSELL, FRANK A., Professor of Railway Engineering, University of Kansas, Lawrence, Kans. 1922

RUSSELL, WALTER B., Director, Franklin Union, Boston, Mass. (*Member of Council, 1907–10.*) 1903

RYAN, HARRIS J., Professor of Electrical Engineering, Stanford University, Stanford University, Calif. 1901

RYAN, WILLIAM T., Professor of Electric Power Engineering, University of Minnesota, Minneapolis, Minn. 1911

RYON, LEWIS B., JR., Professor of Civil Engineering, Rice Institute, Houston, Texas 1925

SACKETT, R. L., Dean, School of Engineering, Director, Engineering Experiment Station and of Engineering Extension, Pennsylvania State College, State College, Pa. (*Member of Council 1897–00; 1927–; President, 1927–8.*) 1923

SADLER, HERBERT C., Dean, College of Engineering and Architecture, University of Michigan, Ann Arbor, Mich. 1907

SADLER, WALTER C., Associate Professor of Railroad Engineering, University of Michigan, Ann Arbor, Mich. 1925

SAHAG, LEON M., Assistant Professor of Machine Design, Alabama Polytechnic Institute, Auburn, Ala. 1927

SALZER, GEORGE W., Professor of Descriptive Geometry and Technical Drawing, Colorado School of Mines, Golden, Colo. 1929

SANDERS, WILLIAM B., Assistant Professor of Applied Mechanics, Purdue University, Lafayette, Ind. 1922

SANTO, J. H., Dean, Ely Junior College, Ely, Minn. 1926

SARASON, SAMUEL D., Professor of Civil Engineering, L. C. Smith College of Applied Science, Syracuse University, N. Y. 1918

SAUERS, JOHN A., Assistant Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1921

SAUNDERS, EDWARD W., JR., Assistant Professor of Civil Engineering, University of Virginia, University, Va. 1923

SAVANT, D. P., Professor of Electrical Engineering, Georgia School of Technology, Atlanta, Ga. 1917

SAVILLE, THORNDIKE, Professor of Hydraulic and Sanitary Engineering, University of North Carolina, Chapel Hill, N. C. 1915

SAXTON, REN G., Professor and Head, Dept. of Civil Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1925

SAYRE, MORTIMER F., Associate Professor of Applied Mechanics, Union College, Schenectady, N. Y. 1917
SCAMMAN, WILLIAM F., Assistant Professor of English, University of Maine, Orono, Me. 1927
SCHAD, BERNARD T., Professor of Civil Engineering, University of Dayton, Dayton, O. 1923
SCHEALER, SAMUEL R., Professor and Head, Department of Electrical Engineering, Duke University, Durham, N. C. 1911
SCHELL, FREDERIC B., Industrial Engineer, Stevenson, Harrison & Jordan, 19 W. 44th St., New York City. (Hillcrest Arms Apt., Toledo, Ohio.) 1927
SCHERBERG, MAX G., Instructor in Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1928
SCHERGER, GEORGE L., Professor of History and Political Science, Armour Institute of Technology, Chicago, Ill. 1927
SCHLAGENHAUF, MILTON J., Director of Admissions, Northeastern University, Boston, Mass. 1925
SCHMIDT, EDWARD C., Professor and Head, Department of Railway Engineering, University of Illinois, Urbana, Ill. 1907
SCHNEIDER, HERMAN, President, University of Cincinnati, Cincinnati, O. (*Member of Council, 1908–11.*) 1903
SCHOLER, CHARLES H., Professor of Applied Mechanics, Kansas State Agricultural College, Manhattan, Kans. 1925
SCHOMMER, JOHN T., Assistant Professor of Industrial Chemistry, Armour Institute of Technology, Chicago, Ill. 1928
SCHONE, FRANK P., Associate Professor of Descriptive Geometry and Drawing, State University of Iowa, Iowa City, Iowa 1924
SCHRADER, HERMAN J., Instructor in Railway Engineering, University of Illinois, Urbana, Ill. 1925
SCHROEDER, WILLIAM, Instructor in Mechanical Engineering, University of Idaho, Moscow, Idaho 1929
SCHUBERT, WALTER O., 418 No. Gay Street, Auburn, Ala. 1925
SCHUCK, ROBERT F., Assistant Professor of Drawing and Descriptive Geometry, University of Minnesota, Minneapolis, Minn. .. 1925
SCHUERMAN, WILLIAM H., Dean of the School of Engineering and Professor of Applied Mechanics and Structural Engineering, Vanderbilt University, Nashville, Ten. (*Member of Council, 1896–9.*) 1895
SCHUMANN, CHARLES H., JR., Assistant Professor of Drawing, Columbia University, New York City 1925
SCHWANTES, ARTHUR J., Assistant Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1926
SCHWARZE, C. T., Associate Professor of Civil Engineering, New York University, University Heights, New York, N. Y. 1912
SCHWEIZER, PAUL E., Assistant Professor of Mechanical Engineering, Newark College of Engineering, Newark, N. J. 1926

SCIPIO, L. A., Dean and Professor of Mechanical Engineering, Robert College, Constantinople, Turkey 1910

SCOATES, D., Professor and Head, Dept. of Agricultural Engineering, A. and M. College of Texas, College Station, Tex. 1923

SCOFIELD, HERBERT H., Professor of Materials, Cornell University, Ithaca, N. Y. 1922

SCOTT, CHARLES F., Professor of Electrical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. (*President, 1921–2; 1922–3; Member of Council, 1907–10; 1917–20; 1921–; Chairman, Board of Investigation and Coordination, 1922–.*) 1904

SCOTT, LUTHER C., Associate Professor of Industrial Education, Toledo, University, Toledo, O. 1919

SCRIMSHAW, STEWART, Professor of Industrial Relations, Marquette University, Milwaukee, Wis. 1925

SEABURY, GEORGE T., Secretary, American Society of Civil Engineers, 29 West 39th Street, New York City 1926

SEATON, R. A., Dean, Division of Engineering, Director, Engineering Experiment Station, Kansas State Agricultural College, Manhattan, Kans. (*Member of Council, 1926–9.*) 1912

SEAVER, HENRY L., Professor of English, Massachusetts Institute of Technology, Cambridge, Mass. 1908

SEAVEY, FRANK E., Professor of English, Tufts College, Tufts College, Mass. (*Member of Council, 1923–6.*) 1919

SECHRIST, GILBERT H., Associate Professor of Electrical Engineering, in charge of Department, University of Wyoming, Laramie, Wyo. 1927

SEELEY, WALTER J., Professor of Electrical Engineering, Duke University, Durham, N. C. 1927

SEELY, F. B., Professor of Theoretical and Applied Mechanics, University of Illinois, Urbana, Ill. 1913

SELLERS, GABE A., Professor of Shop Practice, Kansas State Agricultural College, Manhattan, Kans. 1926

SELLMAN, H. D., Instructor in Mechanical Engineering, Junior College, Sacramento, Calif. 1928

SELVIDGE, ROBERT W., Chairman, Department Mechanical Engineering, University of Missouri, Columbus, Mo. 1922

SERVISS, FREDERICK L., Associate Professor of Engineering Geology, Purdue University, Lafayette, Ind. 1929

SETCHELL, HORACE E., Designer, Stevens and Woods, 120 Broadway, New York City 1922

SETCHELL, JOHN E., Instructor in Mechanical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1927

SETTE, FRANCIS J., Associate Professor of Sanitary Engineering, Virginia Polytechnic Institute, Blacksburg, Va. 1925

SEVERINGHAUS, WILLARD L., Associate Professor of Physics, Columbia University, New York City 1927
SEWARD, H. L., Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. 1910
SEXTON, F. H., President, Nova Scotia Technical College, Halifax, Nova Scotia 1908
SEYFERT, SEYFERT S., Professor of Electrical Engineering, Lehigh University, Bethlehem, Pa. 1908
SHAAD, GEORGE C., Dean, School of Engineering and Architecture, University of Kansas, Lawrence, Kans. (*Member of Council, 1922–5.*) 1907
SHAFFER, HAROLD A., Assistant Professor of Electrical Engineering and Drawing, Bucknell University, Lewisburg, Pa. 1927
SHANE, ADOLPH, Professor and Head, Trades and Industries Dept., Iowa State College, Ames, Ia. 1907
SHANK, JACOB RALPH, Professor of Civil Engineering, The Ohio State University, Columbus, O. 1919
SHATTUCK, HAROLD B., Professor of Railroad Engineering, Pennsylvania State College, State College, Pa. 1906
SHAW, EDWIN A., Head, Department of Education, Tufts College, Tufts College, Mass. 1921
SHAW, H. B., Director, Engineering Experiment Station, North Carolina State College, Raleigh, N. C. 1907
SHEDD, THOMAS C., Assistant Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1925
SHEIRY, EDWARD S., Assistant Professor of Civil Engineering, University of Minnesota, Minneapolis, Minn. 1928
SHENK, D. H., Associate Professor of Mechanical Engineering, Clemson Agricultural College, Clemson College, S. C. 1928
SHEPARD, GEORGE H., Professor of Industrial Engineering and Management, Purdue University, Lafayette, Ind. 1925
SHEPARDSON, JOHN E., Assistant Professor of Electrical Engineering, The Ohio State University, Columbus, O. 1917
SHEPPARD, H. S., Dept. of Development & Research, American Telephone & Telegraph Co., 195 Broadway, New York, N. Y. 1914
SHERLOCK, ROBERT H., Associate Professor of Civil Engineering, University of Michigan, Ann Arbor, Mich. 1925
SHERMAN, CHRISTOPHER E., Professor of Civil Engineering, The Ohio State University, Columbus, Ohio 1907
SHERMAN, GEORGE W., JR., Associate Professor of Physics, Purdue University, Lafayette, Ind. 1929
SHIPLEY, S. C., Professor of Mechanical Engineering, and Superintendent of Shops, University of Minnesota, Minneapolis, Minn. 1908
SHOHAT, JAMES A., Faculty House, South Hadley, Mass..... 1926

SHOOP, C. F., Professor of Steam Engineering, University of Minnesota, Minneapolis, Minn. 1906
SHOREY, LAWRENCE F., Instructor in Electrical Engineering, University of Vermont, Burlington, Vt. 1926
SHORT, R. L., Principal, Ashland School, 3921 N. Newstead St., St. Louis, Mo. 1902
SHOUDY, W. A., Associate Professor of Mechanical Engineering, Columbia University, New York City 1925
SIBLEY, F. H., Dean, College of Engineering, University of Nevada, Reno, Nev. 1910
SILER, RODERICK W., Assistant Professor of Mathematics and Mechanics, University of Minnesota, Minneapolis, Minn. 1926
SILVEY, O. W., Professor of Physics, A. & M. College of Texas, College Station, Tex. 1917
SIMPSON, EWING G., Assistant in Electrical Engineering, University of Virginia, University, Va. 1926
SINK, R. S., Assistant Professor of Shop Practice, Kansas State Agricultural College, Manhattan, Kans. 1926
SJOGREN, C. A., Instructor in Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1925
SKELTON, R. H., Assistant Professor of Structural Engineering, University of Maryland, College Park, Md. 1914
SKENE, FREDERICK, Dean, Professor of Civil and Mechanical Engineering, College of the City of New York, New York City... 1927
SKILES, W. V., Dean, Georgia School of Technology, Atlanta, Ga. 1919
SKINKLE, JAY W., Personnel Assistant, Western Electric Company, Inc., 195 Broadway, New York City 1929
SLACK, EDGAR P., Assistant Professor of Physics, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1927
SLACK, FRANCIS G., Associate Professor of Physics, Vanderbilt University, Nashville, Tenn. 1925
SLAYMAKER, P. K., Professor of Machine Design, University of Nebraska, Lincoln, Nebr. 1910
SLICHTER, W. I., Professor of Electrical Engineering, Columbia University, New York, N. Y. 1911
SLINGESLAND, SAMUEL, Laboratory Instructor, Stevens Institute of Technology, Hoboken, N. J. 1925
SLOANE, R. C., Professor of Civil Engineering, The Ohio State University, Columbus, O. 1923
SLOAN, ROYAL D., Vice Dean of Engineering, Professor of Electrical Engineering, State College of Washington, Pullman, Wash. 1926
SLOBIN, HERMAN L., Professor and Head of Department of Mathematics, University of New Hampshire, Durham, N. H..... 1923
SLOCUM, R. H., Professor of Civil Engineering, North Dakota Agricultural College, Fargo, N. D. 1903

SLUSS, A. H., Professor, Department of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1915
SMILEY, THOMAS B. 1928
SMITH, A. W., Professor of Physics, The Ohio State University, Columbus, O. 1923
SMITH, EARL B., Research Professor of Mechanical Engineering, Iowa State College, Ames, Iowa 1926
SMITH, ELLIOTT D., Professor of Industrial Engineering, Yale University, New Haven, Conn. 1928
SMITH, HAROLD B., Professor and Head, Department of Electrical Engineering, Worcester Polytechnic Institute, Worcester, Mass. (*Member of Council, 1907–10.*) 1898
SMITH, J. HAMMOND, Professor of Civil Engineering, University of Pittsburgh, Pittsburgh, Pa. 1910
SMITH, PAUL C., Instructor in Electrical Engineering, Municipal University of Akron, Akron, Ohio 1925
SMITH, RALPH A., Instructor in Mechanical Engineering, Tufts College, Tufts College, Mass. 1922
SMITH, RICHARD R., Manager, College Department, The Macmillan Company, 66 Fifth Ave., New York, N. Y. 1914
SMITH, THEODORE T., Professor of Experimental Physics, University of Nebraska, Lincoln, Nebr. 1925
SMITH, WILLIAM G., Professor of Engineering Drawing, Northwestern University, Evanston, Ill. 1925
SMITH, W. L., Professor and Head, Department of Electrical Engineering, Northeastern University, Boston, Mass. 1927
SMUTZ, FLOYD A., Associate Professor of Machine Design, Kansas State Agricultural College, Manhattan, Kansas 1929
SMYTHE, ROLSA E., Director, Technical Service Bureau, 165 St. Clair Avenue, East, Toronto, Ont. 1928
SNAVELY, T. R., Professor of Economics, University of Virginia, University, Va. 1926
SNOW, CHAS. H., Dean, College of Engineering and Professor of Civil Engineering, New York University, New York, N. Y..... 1895
SNOW, FRANKLIN C., Professor of Civil Engineering, Georgia School of Technology, Atlanta, Ga. 1929
SNOW, JOHN E., Professor of Electric Power Production, Armour Institute of Technology, Chicago, Ill. 1921
SNYDER, M. K., Professor of Sanitary Engineering, Washington State College, Pullman, Wash. 1927
SOBEY, ALBERT, Director, General Motors Institute of Technology, Flint, Mich. 1923
SOLBERG, HARRY L., Associate Professor of Mechanical Engineering, Purdue University, Lafayette, Ind. 1924
SORENSEN, R. W., Professor of Electrical Engineering, California Institute of Technology, Pasadena, Calif. 1912

SPAHR, ROBERT H., Director, Curriculum and Instruction Development, General Motors Institute of Technology, Flint, Mich... 1928
SPARROW, T. A., Instructor, University of Maine, Orono, Maine... 1927
SPEAR, JOSEPH, Professor of Mathematics, Northeastern University, Boston, Mass. 1926
SPENCER, F. A., Professor of Electrical Engineering in charge of Dept., Norwich University, Northfield, Vt. 1920
SPENCER, ROBERT L., Dean of Engineering, University of Delaware, Newark, Del. 1928
SPENCER, W. R., Professor of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1926
SPERR, F. W., Professor of Research Mining Engineering, Michigan College of Mining and Technology, Houghton, Mich. (*Vice President, 1912–3; Member of Council, 1905–8.*) 1896
SPIETH, BENJAMIN, Associate Professor of Applied Mechanics, Kansas State Agricultural College, Manhattan, Kansas 1927
SPINNEY, L. B., Professor and Head, Dept. of Physics, Iowa State College, Ames, Ia. 1899
SPOFFORD, C. M., Hayward Professor of Civil Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1901
SPOONER, H. J., Late Director and Professor of Mechanical and Civil Engineering, Polytechnic School of Engineering, 5 St. Georges Terrace, Regents Park, London, England 1912
SPRAGUE, EMBERT H., Professor of Civil Engineering, University of Maine, Orono, Me. 1918
SPRAGUE, F. J., President, Sprague Safety Control and Signal Corporation, 421 Canal St., New York, N. Y. 1911
SPRINGER, CLIFFORD H., Instructor in Engineering Drawing, University of Illinois, Urbana, Ill. 1927
SPRINGER, F. W., Professor of Electrical Engineering, University of Minnesota, Minneapolis, Minn. 1896
SQUIRE, EDWARD J., Professor of Structural Engineering, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1929
ST. PETER, W. N., Associate Professor of Physics, University of Pittsburgh, Pittsburgh, Pa. 1928
STALEY, ALLEN C., Consulting Engineer, Dulaney Trust, 111 W. Monroe Street, Chicago, Ill. 1915
STANSFIELD, ALFRED, Professor of Metallurgy, McGill University-Montreal, Canada. 1921
STANTON, CHAS. B., Associate Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1915
STAPLEY, EDWARD R., Associate Professor of Civil Engineering, Oklahoma A. & M. College, Stillwater, Okla. 1926
STARBUCK, ARWARD, Associate Professor of English, Iowa State College, Ames, Ia. 1919

STARR, CHARLES J., Assistant Supt., Machine Laboratory, University of Illinois, Urbana, Ill. 1921
STAVELY, EARL B., Professor of Electrical Engineering, The Pennsylvania State College, State College, Pa. 1920
STEARNS, FREDERICK A., Assistant Professor of Mechanical Engineering, Northeastern University, Boston, Mass. 1926
STEEL, ERNEST W., Professor of Municipal and Sanitary Engineering A. and M. College of Texas, College Station, Tex..... 1926
STEELE, J. N., Instructor in Foundry Work, Dickinson High School, Jersey City, N. J. 1912
STEINER, FATHER, University of Notre Dame, Notre Dame, Ind... 1929
STEINMAN, D. B., Consulting Engineer, 117 Liberty St., New York, N. Y. 1910
STELZNER, WILLIAM B., Professor of Electrical Engineering, University of Arkansas, Fayetteville, Ark. 1914
STEMPEL, W. M., Assistant Professor of Physics, Stevens Institute of Technology, Hoboken, N. J. 1928
STEPHENSON, S. A., JR., Associate Professor of Civil Engineering, Rutgers University, New Brunswick, N. J. 1910
STETSON, GEORGE A., Associate Editor, American Society of Mechanical Engineers, 29 West 39th Street, New York City..... 1926
STEVENS, A. C., Head, Educational Sales Section, General Electric Co., Schenectady, N. Y. 1912
STEVENS, WILLIAM J., Instructor in Mechanical Engineering, Drexel Institute, Philadelphia, Pa. 1929
STEWARD, ROBERT K., Professor of Drawing and Design, Michigan Agricultural College, East Lansing, Mich. 1910
STEWART, EARL A., Associate Professor of Agricultural Engineering, University of Minnesota, Minneapolis, Minn. 1924
STEWART, EARL H., Assistant Professor of Drawing and Design, Michigan State College, East Lansing, Mich. 1925
STEWART, FLOYD R., Professor of Mechanical Engineering, Cleveland College of Coöperative Engineering, 12579 Clifton Blvd., Cleveland, Ohio 1927
STEWART, FREDERICK C., Assistant Professor of Experimental Engineering, Georgia School of Technology, Atlanta, Ga..... 1928
STEWART, G. W., Professor of Physics, State University of Iowa, Iowa City, Ia. 1910
STEWART, L. B., Professor of Surveying and Geodesy, Faculty of Applied Science and Engineering, Toronto University, Toronto, Ontario, Canada. 1897
STEWART, LOWELL O., Assistant Professor of Civil Engineering, Iowa State College, Ames, Iowa 1927
STEWART, OSCAR M., Professor of Physics, University of Missouri, Columbia, Mo. 1909

STEWART, V. T., Professor of Chemical Engineering, College of Engineering, Newark, N. J. 1923
STILLWELL, L. B., Consulting Engineer, 90 West Street, New York, N. Y. 1912
STINSON, KARL W., Assistant Professor of Automotive Engineering, The Ohio State University, Columbus, Ohio 1924
STOCK, ORION L., Associate Professor of Architectural Engineering and Drawing, Rose Polytechnic Institute, Terre Haute, Ind. 1929
STOCKER, GEORGE P., Professor of Civil Engineering, University of Arkansas, Fayetteville, Ark. 1921
STOCKING, ERNEST J., Assistant Professor of Civil Engineering, University of South Dakota, Vermillion, S. D. 1927
STOCKWELL, FRANK C., Professor of Electrical Engineering, Stevens Institute of Technology, Hoboken, N. J. 1914
STOLWORTHY, EDWARD H., Assistant Professor of Mechanical Engineering, University of New Hampshire, Durham, N. H. .. 1923
STONE, CHAS. W., Manager, Central Station Dept., General Electric Co., Schenectady, N. Y. 1911
STONE, E. A., Consulting Engineer, 177 Victoria Road, Walkerville, Ont. 1907
STONE, H. E., Dean of Men, West Virginia University, Morgantown, W. Va. 1924
STONE, O. M., Assistant Professor of Drawing and Descriptive Geometry, Case School of Applied Science, Cleveland, Ohio.. 1928
STOUGHTON, BRADLEY, Director, Department of Metallurgical Engineering, Lehigh University, Bethlehem, Pa. 1923
STOUT, MELVILLE B., Assistant Professor of Electrical Engineering, University of Michigan, Ann Arbor, Mich. 1929
STRAHAN, SAMUEL A. S., Professor of Chemical Engineering, Northeastern University, Boston, Mass. 1926
STREET, WILLIAM E., Texas Technological College, Lubbock, Texas 1929
STREUBEL, ERNEST J., Dean, Polytechnic Institute of Brooklyn, Brooklyn, N. Y. 1925
STROM, A. P., Wahoo, Nebr. 1927
STRONG, ALBERT J., Professor of Drawing and Mechanic Arts, University of Florida, Gainesville, Fla. 1913
STUART, M. C., Professor of Experimental Engineering, Lehigh University, Bethlehem, Pa. 1921
SULLIVAN, GEO. L., Dean, College of Engineering, University of Santa Clara, Santa Clara, Calif. 1912
SUMMERS, R. E., Instructor in Mechanical Engineering, Oregon Agricultural College, Corvallis, Ore. 1927
SUMMEY, GEORGE, JR., Professor and Head, Dept. of English, A. & M. College of Texas, College Station, Tex. 1919

SUSSDORFF, EDMUND L., Assistant Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. (Port Kent, N. Y.) 1925

SUTHERLAND, C. HALE, Associate Professor of Structural Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1914

SUTTIE, ROSCOE H., Associate Professor of Civil Engineering, Yale University, New Haven, Conn. 1912

SVENSEN, CARL L., Professor and Head, Department of Engineering Drawing, Texas Technological College, Lubbock, Texas. 1900

SWAIM, VERNE F., Professor of Physics, Bradley Polytechnic Institute, Peoria, Ill. 1919

SWAIN, G. F., Professor of Civil Engineering, Harvard University, Cambridge, Mass. (*President, 1894–5; Vice President, 1893–4; Member of Council since 1893.*) **First Recipient Lamme Medal (1928).** 1893

SWAIN, R. V., Educational Director, Buffalo, N. Y. 1928

SWANBECK, SWEN E., Assistant Professor of Modern Languages, Case School of Applied Science, Cleveland, Ohio 1925

SWARTZEL, KARL D., Professor and Head, Department of Mathematics, University of Pittsburgh, Pittsburgh, Pa. 1922

SWEETSER, E. O., Professor of Structural Engineering, Washington University, St. Louis, Mo. 1910

SWEETSER, W. J., Professor of Mechanical Engineering, University of Maine, Orono, Me. 1910

SWENSON, GEORGE W., Professor and Head, Department of Electrical Engineering, Michigan College of Mining and Technology, Houghton, Mich. 1928

SWINTON, ROY S., Assistant Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1929

SWOPE, AMMAN, Associate Professor of Industrial Engineering, Purdue University, Lafayette, Ind. 1928

SYPHERD, W. O., Professor of English, University of Delaware, Newark, Del. 1914

TAFT, THEODORE H., Associate Professor of Heat Engineering, Massachusetts Institute of Technology, Cambridge, Mass..... 1926

TAIT, RALPH S., Associate Professor of Mechanical Engineering, University of Kansas, Lawrence, Kans. 1921

TALBOT, ARTHUR N., Professor of Municipal and Sanitary Engineering, Emeritus, University of Illinois, Urbana, Ill. (*President, 1910–11; Vice President, 1909–10; Treasurer, 1902–04; Member of Council, 1902–.*) 1893

TANG, KWAN, Y., Instructor in Electrical Engineering, The Ohio State University, Columbus, Ohio 1928

TAPPAN, FRANK G., Director, School of Electrical Engineering, University of Oklahoma, Norman, Okla. 1921

TAYLOR, ALBERT L., 258 University Street, Salt Lake City, Utah. 1924
TAYLOR, E., Associate Professor of Engineering Mechanics, Pomona College, Claremont, Calif. 1927
TAYLOR, FLOYD D., Canton, Pa. 1926
TAYLOR, HERBERT F., Alumni Secretary, Assistant Professor of Civil Engineering, Worcester Polytechnic Institute, Worcester, Mass. 1922
TAYLOR, T. U., Professor of Civil Engineering and Dean of Engineering Department, University of Texas, Austin, Texas. *Vice President, 1920–21; Member of Council, 1917–20.*)..... 1902
TAYLOR, W. C., Associate Professor of Civil Engineering, Union University, Schenectady, N. Y. 1913
TAYLOR, WM. E., Professor of Applied Mathematics and Head of Dept., College of Applied Science, Syracuse University, Syracuse, N. Y. 1913
TEETER, T. A. H., Acting Director, General Extension Division, University of Minnesota, Minneapolis, Minn. 1925
TERRELL, DANIEL V., Professor of Civil Engineering, University of Kentucky, Lexington, Ky. 1917
TERWILLIGER, C. V. O., Assistant Professor of Electrical Engineering, Post Graduate School, U. S. Naval Academy, Annapolis, Md. 1924
THALER, J. A., Professor of Electrical Engineering, Montana State College, Boseman, Mont. (*Member of Council, 1906–09.*).... 1901
THATCHER, CHARLES G., Associate Professor of Mechanical Engineering, Swarthmore College, Swarthmore, Pa..... 1929
THOMAN, WILLIAM H., Instructor in Civil Engineering, University of Colorado, Boulder, Colo. 1929
THOMAS, ALBERT L., Professor of Engineering Drawing, Alabama Polytechnic Institute, Auburn, Ala. 1928
THOMAS CHARLES F., Associate Professor of Mathematics, Case School of Applied Science, Cleveland, O. 1909
THOMAS, CHAS. W., Associate Professor of Engineering Drawing, Case School of Applied Science, Cleveland, O. 1912
THOMAS, CHARLES W., Assistant Professor of Mechanical Engineering, Columbia University, New York City 1924
THOMAS, EARL C., Associate Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1924
THOMAS, EVAN, Professor of Mechanics and Mathematics, University of Vermont, Burlington, Vt. 1908
THOMAS, FRANKLIN, Professor of Civil Engineering, California Institute of Technology, Pasadena, Calif. 1914
THOMAS, FREDERICK H., Superintendent, Machine Laboratory, University of Illinois, Urbana, Ill. 1926
THOMAS, GEO. B., Personnel Director, Bell Telephone Laboratories, Inc., 463 West St., New York, N. Y. 1911

THOMAS, HAROLD A., Associate Professor of Civil Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1913

THOMAS, R. G., Professor Emeritus of Mathematics and Engineering, The Citadel, The Military College of S. C., 19 Charles Street, Charleston, S. C. (*Member of Council, 1898–01.*) ... 1894

THOMAS, R. P., 475 E. Northern Ave., Springfield, Ohio 1914

THOMPSON, GORDON, Assistant Chief Engineer, Electrical Testing Laboratories, New York City; Box 219, New Dorp, Staten Island, N. Y. 1924

THOMPSON, G. S., Consulting Civil Engineer, Box 102, Lans Station, Troy, N. Y. 1907

THOMPSON, JAMES E., Instructor in Mathematics, Pratt Institute, Brooklyn, N. Y. 1926

THOMPSON, JAMES S., Vice President, McGraw-Hill Book Co., 370 7th Ave., New York, N. Y. 1911

THOMPSON, KARL O., Professor of English, Case School of Applied Science, Cleveland, O. 1919

THOMSON, FRANCIS A., President, Montana School of Mines, Butte, Mont. 1927

THOMSON, R. D., Chief of Staff, L. V. Estes, Inc., 4753 Broadway, Chicago, Ill. 1922

THOMSON, WILLIAM H., 134 Dickie Avenue, Westerleigh, S. I., N. Y. 1928

THORNBURG, M. L., Professor of Mechanical Engineering, University of Arizona, Tucson, Ariz. 1925

THORNTON, WILLIAM M., Professor of Applied Mathematics, University of Virginia, University, Va. (*Vice President, 1916–7.*) 1916

THOROGOOD, BRACKETT K., Educational Counsel, Franklin Union, 41 Berkeley Street, Boston, Mass. 1923

THOROUGHGOOD, R. W., Professor of Civil Engineering, University of Delaware, Newark, Del. 1913

THUESEN, H. G., Associate Professor of Industrial Engineering, Oklahoma A. and M. College, Stillwater, Okla. 1926

THURSTON, EDWARD D., JR., Professor of Mechanical Engineering, Columbia University, New York City 1926

TILDEN, CHARLES J., Strathcona Professor of Engineering Mechanics, Yale University, New Haven, Conn. (*Member of Council, 1917–20.*) 1913

TILGHMAN, HARRISON, Councillor-at-Law, 15 Broad Street, New York City 1919

TIMBIE, WILLIAM H., Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. (*Member of Council, 1929–32.*) 1908

TIMBY, ELMER K., Instructor in Civil Engineering, Princeton University, Princeton, N. J. 1929

TIMOSHENKO, STEPHEN, Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1927
TINGLEY, FREEMAN T., Associate in Electrical Engineering, University of Illinois, Urbana, Ill. 1927
TODD, M. E., Assistant Professor of Electric Power Engineering, University of Minnesota, Minneapolis, Minn. 1913
TODD, MARION W., Assistant Professor of Topographic Engineering, Purdue University, Lafayette, Ind. 1926
TOMPKINS, FREDERICK N., Associate Professor of Electrical Engineering, Brown University, Providence, R. I. 1922
TOWLE, GEORGE W., Assistant Director of Coöperative Work, Northeastern University, Boston, Mass. 1926
TOWLE, NORMAN L., Assistant Professor of Electrical Engineering, Cooper Union, New York City 1925
TOWLE, W. M., Emeritus Professor of Industrial Engineering, Clarkson College of Technology, Enosburg Falls, Vt. (*Member of Council, 1902–5.*) 1895
TOZER, ELIOT F., Associate Professor of Drawing, Northeastern University, Boston, Mass. 1927
TRACY, GORDON F., Assistant Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1928
TRACY, JOHN C., Professor of Civil Engineering, Yale University, New Haven, Conn. (*Member of Council, 1912–5; 1920–3.*) .. 1907
TRIEST, RUDOLPH M., Manager, Educational Department, John Wiley and Sons, Inc., 440 Fourth Avenue, New York City ... 1924
TRIMBLE, RALPH M., Associate Professor of Engineering, University of North Carolina, Chapel Hill, N. C. 1924
TRINKLE, ROBERT J., Associate Professor of Electrical Engineering, Virginia Military Institute, Lexington, Va. 1924
TRINKS, W., Professor and Head of Department of Mechanical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. .. 1917
TROWBRIDGE, DOUGLAS S., Professor of Surveying, New York University, University Heights, New York City 1924
TRUEBLOOD, RALPH B., Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1922
TRYON, JAMES L., Associate Professor, Chairman, Committee on Admissions, Massachusetts Institute of Technology, Cambridge, Mass. 1927
TUCKER, CARLTON E., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. 1922
TUCKER, DONALD S., Professor of Economics, Massachusetts Institute of Technology, Cambridge, Mass. 1926
TUCKER, LEROY, Associate in Theoretical and applied Mechanics University of Illinois, Urbana, Ill. 1927

TUDBURY, CHESTER W., Head, Department of Mathematics, Wentworth Institute, Boston, Mass. 1921
TURLEY, O. J., Consulting Geological Engineer, Hotel Knickerbocker, Los Angeles, Calif. 1912
TURNBULL, JOHN M., Professor of Mining, Acting Dean, University of British Columbia, Vancouver, B. C. 1926
TURNBULL, W. D., Junior Dean, College of Engineering, The Ohio State University, Columbus, O. 1917
TURNEAURE, F. E., Dean of the College of Engineering, University of Wisconsin, Madison, Wis. (*President, 1908–9; Member of Council since 1903; Member, Board of Investigation and Coordination, 1925–.*) 1894
TURNER, C. A. P., Engineer, 300 Builders Exchange, Minneapolis, Minn. 1913
TURNER, D. L., Consulting Engineer, Transit Commission, New York City, 9 East 39th St., New York, N. Y. 1898
TURNER, W. P., Professor of Practical Mechanics, Purdue University, Lafayette, Ind. 1900
TUTHILL, JOHN K., Assistant Professor of Railway Electrical Engineering, University of Illinois, Urbana, Ill. 1922
TUVE, GEORGE L., Professor of Mechanical Engineering, Texas Technological College, Lubbock, Texas. 1925
TYKOCINER, JOSEPH T., Research Professor of Electrical Engineering, University of Illinois, Urbana, Ill. 1929
TYLER, A. G., Assistant Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1927
TYLER, H. W., Walker Professor and Head, Dept. of Mathematics, Massachusetts Institute of Technology, Cambridge, Mass. (*Vice President, 1897–8; 1926–7; Member of Council, 1910–16.*) 1894
TYRRELL, HENRY G., Consulting Engineer and Author, Altamont Avenue, Catonsville, Md. 1925
ULLMANN, H. M., Professor of Chemistry and Chemical Engineering, Lehigh University, Bethlehem, Pa. 1926
UNDERHILL, JAMES, Associate Professor of Mining, Colorado School of Mines, Golden; Mining Engineer, Idaho Springs, Colo. ... 1921
UNDERWOOD, P. H., Professor of Topographic and Geodetic Engineering, Cornell University, Ithaca, N. Y. 1922
UPP, CLARENCE R., Assistant Professor of Mechanical Engineering, University of Akron, Akron, Ohio 1928
UPSON, WALTER L., Professor of Electrical Engineering, Washington University, St. Louis, Mo. 1910
VALLANCE, ALEX, Associate Professor of Mechanical Engineering, University of Texas, Austin, Texas 1927
VALLAS, MINER H., Assistant Professor of Electrical Engineering, Tulane University, New Orleans, La. 1922

VAN BUSKIRK, H. C., Professor of Mathematics and Registrar, California Institute of Technology, Pasadena, Calif. 1911
VANCE, BRUCE B., Instructor in Mathematics, University of Louisville, Louisville, Ky. 1927
VAN DEN BROCK, J. A., Professor of Engineering Mechanics, University of Michigan, Ann Arbor, Mich. 1924
VAN DYKE, JAMES R., Assistant Professor of Mechanical Engineering, University of Minnesota, Minneapolis, Minn. 1929
VAN GAASBEEK, RICHARD M., Head, Department of Woodworking, Pratt Institute, Brooklyn, N. Y. 1926
VAN HAGAN, L. F., Professor of Railway Engineering, University of Wisconsin, Madison, Wis. 1912
VAN LEER, BLAKE R., Assistant Secretary, American Engineering Council, 26 Jackson Place, Professor Lecturer in Hydraulics, George Washington University, Washington, D. C. 1923
VAN ORNUM, J. L., Professor of Civil Engineering, Washington University, St. Louis, Mo. (*Member of Council, 1902–5.*) ... 1895
VAUGHAN, L. L., Professor of Mechanical Engineering, North Carolina State College of Agriculture and Engineering, State College Station, Raleigh, N. C. 1912
VAWTER, JAMISON, Assistant Professor of Civil Engineering, University of Illinois, Urbana, Ill. 1926
VEAL, C. B., Research Manager, Society of Automotive Engineers, 29 West 39 Street, New York City 1910
VEAZEY, WILLIAM R., Professor of Chemical Engineering, Case School of Applied Science, Cleveland, O. 1922
VEDDER, JOHN N., Associate Professor of Thermodynamics, Union College, Schenectady, N. Y. 1910
VON ENDE, CARL L., Professor and Head, Department of Chemistry, University of Idaho, Moscow, Idaho 1929
VOSE, F. H., Professor of Mechanical Engineering, Case School of Applied Science, Cleveland, O. 1907
VOTEY, J. W., Professor of Civil Engineering and Dean of the College of Engineering, University of Vermont, Burlington, Vt. (*Member of Council, 1926–9.*) 1902
WADDELL, J. A. L., Consulting Engineer, 150 Broadway, New York, N. Y. (*Member of Council, 1911–4.*) 1893
WADE, FRANK H., Assistant Professor of Mechanics, Lewis Institute, Chicago, Ill. 1927
WADSWORTH, F. L. O., Consulting and Advisory Engineer, Pittsburgh, Pa. 1911
WADSWORTH, J. E., Division Engineer, American Bridge Co., 22 Morsemere Place, Yonkers, N. Y. 1895
WAGNER, CHARLES C., Associate Professor of Mathematics, The Pennsylvania State College, State College, Pa. 1925

WAGNER, H. A., Consulting Mining and Metallurgical Engineer, 8 South Michigan Avenue, Chicago, Ill. 1926
WAGNER, SAMUEL T., Consulting Engineer, The Philadelphia and Reading Railway Co., Reading Terminal, Philadelphia, Pa. .. 1911
WAIT, JOHN C., Counsellor-at-law, Woolworth Bldg., 11 Park Place, New York, N. Y. 1907
WALES, ROYAL L., Professor of Mechanical Engineering and Dean of Engineering, Rhode Island State College, Kingston, R. I. .. 1914
WALKER, AMASA, Manager of Educational Dept., Longmans, Green & Co., 55 Fifth Ave., New York, N. Y. 1914
WALKER, CHAS. L., Professor of Sanitary Engineering, College of Engineering, Cornell University, Ithaca, N. Y. 1910
WALKER, ELTON D., Professor of Hydraulic and Sanitary Engineering, Head, Department Civil Engineering, the Pennsylvania State College, State College, Pa. 1895
WALKER, E. S., Instructor in Descriptive Geometry and Mechanical Drawing, University of Florida, Gainesville, Fla. 1910
WALKER, HARRY B., Professor of Agricultural Engineering, University of California, University Farm, Davis, Calif. 1921
WALKER, LEONARD D., Instructor in General Engineering Drawing, University of Illinois, Urbana, Ill. 1928
WALLACE, LAWRENCE W., Executive Secretary, American Engineering Council, 26 Jackson Place, Washington, D. C. 1924
WALSH, FRANK W., Assistant Professor and Head, Department of Mechanical Drawing, State Teachers College, Oshkosh, Wis. .. 1928
WALTER, OTTO W., Research Engineer, Hall Electric and Heating Company, 121 Sutton Road, Ardmore, Pa. 1926
WALTERS, JACK E., Director of Personnel, Schools of Engineering, Purdue University, Lafayette, Ind. 1926
WALTERS, RAYMOND, Dean of Swarthmore College, Swarthmore, Pa. 1921
WALTHER, JOHN T., Professor of Electrical Engineering, University of Akron, Akron, Ohio 1924
WALTHERS, HARRY V., Instructor in Mechanical Engineering, University of Nebraska, Lincoln, Nebr. 1928
WARD, GERALD C., Instructor in Railway Engineering, University of Wisconsin, Madison, Wis. 1929
WARD, R. P., Professor of Electrical Engineering, A. and M. College of Texas, College Station, Texas 1926
WARD, SAMUEL, Consulting Engineer and Technical Instructor, 2648 Canterbury Road, Cleveland Heights, O. 1917
WARNER, FRANK M., Associate Professor of Engineering Drawing, University of Washington, Seattle, Wash. 1927
WARNER, HARRY O., Professor of Electrical Engineering, University of Detroit, Detroit, Mich. 1926

WARNER, ROBERT K., Assistant Professor of Mining Engineering, Yale University, New Haven, Conn. 1924

WARNER, RUSSELL G., Assistant Professor of Electrical Engineering, Yale University, New Haven, Conn. 1924

WARREN, CHARLES H., Dean, Sheffield Scientific School, Yale University, New Haven, Conn. (*Member of Council, 1928–31.*) .. 1923

WARREN, GEORGE E., Assistant General Manager, Portland Cement Association, 33 West Grand Avenue, Chicago, Ill. 1927

WARREN, SEYMOUR P., Associate Professor of Metallurgy, Colorado School of Mines, Golden, Colo. 1925

WASHINGTON, LAWRENCE, Instructor in Mechanical Engineering, Stanford University, Stanford University, Calif. 1928

WATERMAN, EARLE L., Professor of Sanitary Engineering, University of Iowa, Iowa City, Iowa 1923

WATERMAN, I. F., Instructor in Civil Engineering, Oregon Agricultural College, Corvallis, Ore. 1916

WATERS, EVERETT O., Associate Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. 1914

WATSON, ARTHUR E., Associate Professor of Electrical Engineering, Brown University, Providence, R. I. 1924

WATSON, CARL G., Professor of Physics, South Dakota School of Mines, Rapid City, S. D. 1925

WATSON, HARRY D., Associate Professor of Mechanical Engineering, University of Maine, Orono, Me. 1926

WATSON, JAMES W., Professor of Electrical Engineering, University of Wisconsin, Madison, Wis. 1910

WATTS, A. S., Professor of Ceramic Engineering, The Ohio State University, Columbus, O. 1923

WATTS, C. W., Professor of Mathematics, The Virginia Military Institute, Lexington, Va. 1911

WATTS, EARLE F., Instructor in Drawing, Massachusetts Institute of Technology, Cambridge, Mass. 1923

WATTS, OLIVER P., Associate Professor of Chemical Engineering, University of Wisconsin, Madison, Wis. 1925

WATWOOD, VERNON B., Assistant Professor of Civil Engineering, Alabama Polytechnic Institute, Auburn, Ala. 1929

WEAVER, FREDERIC N., Assistant Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1924

WEAVER, JAMES H., Professor of Mathematics, The Ohio State University, Columbus, Ohio 1923

WEAVER, LEON H. A., Publicity Manager, The Superheater Co., 17 E. 42d Street, N. Y. C. 1914

WEBER, JOHN, Supervising Engineer, University of Pittsburgh, Pittsburgh, Pa. 1914

WEED, JOHN M., Assistant to Director, Engineering Experiment Station, The Ohio State University, Columbus, Ohio 1923
WEGLE, JOHN C., Registrar and Assistant Dean, Assistant Professor of Machine Design, Stevens Institute of Technology, Hoboken, N. J. 1925
WEGNER, WALTER W., Assistant Professor of Civil Engineering, Stanford University, Stanford University, Calif. 1927
WEIDA, FRANK M., Assistant Professor of Mathematics, Lehigh University, Bethlehem, Pa. 1921
WEIGEL, PAUL, Professor of Architecture, Kansas State Agricultural College, Manhattan, Kans. 1923
WEIL, JOSEPH, Professor of Electrical Engineering, University of Florida, Gainesville, Fla. 1923
WEILAND, W. F., Assistant Professor of Mechanical Engineering, University of Pittsburgh, Pittsburgh, Pa. 1921
WEINBACH, M. P., Professor of Electrical Engineering, University of Missouri, Columbia, Mo. 1915
WEISIGER, KENDALL, Assistant to President, Southern Bell Telephone & Telegraph Company, 206 East 17th Street, Atlanta, Ga. 1927
WEISS, CAMILLO, Structural Engineer, Bridge and Fabrication Dept., Bethlehem Steel Co., 744 8th Ave., Bethlehem, Pa. 1917
WELCH, FREDERIC W., Assistant Professor of Civil Engineering, State College of Washington, Pullman, Wash. 1921
WELLS, ARTHUR E., Professor of Metallurgy, Harvard University, Cambridge, Mass. 1928
WELLS, EDGAR H., President; Professor of Geology and Mineralogy, New Mexico School of Mines, Socorro, N. M. 1923
WELLS, EVERETT D., Assistant Professor of Mathematics, University of Pittsburgh, Erie, Pa. 1926
WELLS, MELVILLE B., Professor of Bridge and Structural Engineering, Armour Institute of Technology, Chicago, Ill. 1925
WENDT, KURT F., Instructor in Mechanics, University of Wisconsin, Madison, Wis. 1927
WENDT, ROBERT E., Instructor in Foundry, Purdue University, Lafayette, Ind. 1922
WENDT, WYLIE B., Professor of Civil Engineering, Speed Scientific School, University of Louisville, Louisville, Ky. 1908
WENK, MORRIS, Bethlehem Shipbuilding Corp., 618 Washington St., Quincy, Mass. 1921
WEST, FRANK LESLIE, Professor of Engineering, Mount Allison University, Sackville N. B., Canada 1923
WEST, G. ALVIN, Machine Designer, Standard-Trump Brothers Machine Company, Wilmington, Del.; Port Deposit, Md. 1923
WEST, RAY B., Dean, School of Engineering, Utah Agricultural College, Logan, Utah 1924

WESTON, EDW., President, The Weston Electrical Instrument Co., Waverly Park, Newark, N. J. 1911
WEYL, CHARLES, Assistant Professor of Electrical Engineering, University of Pennsylvania, Philadelphia, Pa. 1926
WHARTON, JAMES R., Associate Professor of Mechanical Engineering, University of Missouri, Columbia, Mo. 1919
WHEATEY, EDWARD A., Registrar, Association of Professional Engineers, 930 Birks' Building, Vancouver, B. C. 1927
WHEELER, CHARLES A., Professor of Mathematics and College Engineer, Connecticut Agricultural College, Storrs, Conn. 1927
WHEELER, NATHANIEL E., Professor of Physics, Colby College, Waterville, Me. 1921
WHEELER, WILLIAM H., Assistant Professor of Civil Engineering, Washington University, St. Louis, Mo. 1924
WHIPPLE, CLYDE C., Assistant Professor of Electrical Engineering, Brooklyn Polytechnic Institute, Brooklyn, N. Y. 1924
WHITE, ALFRED H., Professor of Chemical Engineering, University of Michigan, Ann Arbor, Mich. 1920
WHITE, BENNETT S., Assistant Professor of Machine Design and Drawing, West Virginia University, Morgantown, W. Va. 1926
WHITE, C. L., Professor of Engineering, College of the Pacific, Stockton, Calif. 1923
WHITE, HALL B., Assistant Professor of Agricultural Engineering, University of Minnesota, St. Paul, Minn. 1925
WHITE, JAMES M., Supervising Architect, Superintendent, Business Operations, University of Illinois, Urbana, Ill. 1900
WHITE, JOHN, Professor of Chemical Engineering and Chemistry, Rose Polytechnic Institute, Terre Haute, Ind. 1929
WHITE, LEON V., Associate Professor of Civil Engineering, Kansas State Agricultural College, Manhattan, Kans. 1923
WHITE, ROY A., Head, Engineering Dept., The Grand Rapids Junior College, Grand Rapids, Mich. 1925
WHITE, WILLIAM C., Secretary, Day Division, Northeastern University, Boston, Mass. 1926
WHITE, WM. E., Instructor in Civil Engineering Rice Institute, Houston, Texas 1927
WHITED, E. WILLIS, Acting Director, Co-Operative Work, University of Pittsburgh, Pittsburgh, Pa. 1923
WHITEHEAD, J. B., Dean, Faculty of Engineering and Professor of Electrical Engineering, The Johns Hopkins University, Baltimore, Md. (*Member of Council, 1915–8.*) 1913
WHITEHEAD, L. W., Associate Professor of Civil Engineering, The Pennsylvania State College, State College, Pa. 1918
WHITMORE, R. D., I Pembroke St., New Rochelle, N. Y. 1917
WHITTAKER, ALBERT E., Assistant Professor of Physics, Northeastern University, Boston, Mass. 1926

WHITTEMORE, JEANNE S., Professor of English, University of Porto Rico, Mayaguez, P. R. 1923

WICKENDEN, WM. E., President, Case School of Applied Science, Cleveland, Ohio. (*Director of Investigations, 1923–29; Member of Council, 1924–7.*) 1912

WIEPKING, C. A., Testing Engineer, 608 52d Street, City of Milwaukee, Wis. 1925

WILBUR, WALTER E., Assistant Professor of Mathematics, University of New Hampshire, Durham, N. H. 1928

WILCOX, ELGIN R., Associate Professor of General Engineering, University of Washington, Seattle, Wash. 1925

WILCOX, GUY M., Professor of Physics, Armour Institute of Technology, Chicago, Ill. 1926

WILDES, KARL L., Assistant Professor of Electrical Engineering, Massachusetts Institute of Technology, Cambridge, Mass. .. 1926

WILEY, RALPH B., Professor of Sanitary Engineering, Purdue University, Lafayette, Ind. 1920

WILEY, W. O., Publisher of Scientific Books, President, John Wiley & Sons, Inc., 440 Fourth Ave., New York, N. Y. (*Treasurer, 1907–.*) 1904

WILLARD, ARTHUR C., Professor of Heating and Ventilation, Head, Department, Mechanical Engineering, University of Illinois, Urbana, Ill. 1922

WILLARD, FREDERIC W., Personnel Director, Western Electric Company, Inc., 195 Broadway, New York City 1929

WILLEY, EARL C., Instructor in Engineering Drawing, Oregon State Agricultural College, Corvallis, Ore. 1929

WILLIAMS, CLEMENT C., Dean, College of Engineering, The State University of Iowa, Iowa City, Iowa. (*Member of Council, 1920–3; Vice President, 1928–9.*) 1909

WILLIAMS, OWEN E., Professor of Engineering Drawing, The Ohio State University, Columbus, O. 1910

WILLIAMS, S. N., Professor Emeritus of Civil and Sanitary Engineering, Cornell College, 932 Massasoit Street, Chicago, Ill. .. 1893

WILLIAMS, W. S., Professor of Topographical Engineering, University of Missouri, Columbia, Mo. 1913

WILLIAMSON, C. S., Professor of Industrial Chemistry, Tulane University, New Orleans, La. 1922

WILLIS, BEN S., Assistant Professor of Electrical Engineering, Iowa State College, Ames, Iowa 1929

WILLIS, CLODIUS H., Associate Professor of Electrical Engineering, Princeton University, Princeton, N. J. 1926

WILLIS, PHILIP A., Associate Professor of Mechanical Engineering, Missouri School of Mines, Rolla, Mo. 1929

WILLISTON, ARTHUR L., 986 High Street, Dedham, Mass. (*Vice President, 1909–10; Secretary, 1907–9; Member of Council, 1900–3; 1905–8.*) 1897

WILLMARTH, ELMER H., Associate Professor of Engineering Problems, Iowa State College, Ames, Iowa 1922

WILLSON, F. G., Head, Department of Applied Electricity, Wentworth Institute, Boston, Mass. 1912

WILMORE, JOHN J., Dean, School of Engineering, and Professor of Mechanical Engineering, Alabama Polytechnic Institute, Auburn, Ala. (*Member of Council, 1928–31*) 1894

WILSON, A. M., Professor of Electrical Engineering, University of Cincinnati, Cincinnati, O. 1907

WILSON, BENJAMIN J., Instructor in Mechanical Engineering, Bucknell University, Lewisburg, Pa. 1925

WILSON, GEORGE S., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1912

WILSON, GROVER C., Assistant Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1929

WILSON, LEROY A., Associate Professor of Steam and Gas Engineering, University of Wisconsin, Madison, Wis. 1923

WILSON, ROBERT N., Professor of Chemistry, Duke University, Durham, N. C. 1927

WILSON, WILBUR M., Research Professor of Structural Engineering, University of Illinois, Urbana, Ill. 1914

WINDE, NORMAN R., Instructor in Engineering, Swarthmore College, Swarthmore, Pa. 1927

WINFREY, ROBLEY, Assistant Director of Engineering Experiment Station, Iowa State College, Ames, Iowa 1928

WING, FRANCIS H., Deputy Superintendent of Schools in charge of Vocational Education, Buffalo, N. Y. 1919

WINGREN, ROY M., Instructor in Mechanical Engineering, Texas A. and M. College, College Station, Texas 1928

WINKFIELD, HOLLEY S., Sales Engineer, Holtzer-Cabot Electric Company, Boston, Mass. 1928

WINSLOW, A. E., Head of Civil Engineering Dept., Norwich University, Northfield, Vt. 1914

WINSLOW, A. M., Professor of Mechanical Engineering, University of Washington, Seattle, Wash. 1925

WINSTON, STANTON E., Associate Professor of Kinematics, Armour Institute of Technology, Chicago, Ill. 1928

WISCHMEYER, CARL, Professor of Mechanical Engineering, Rose Polytechnic Institute, Terre Haute, Ind. 1929

WISE, JOSEPH A., Assistant Professor of Structural Engineering, University of Minnesota, Minneapolis, Minn. 1927

WISLER, C. O., Associate Professor of Hydraulic Engineering, University of Michigan, Ann Arbor, Mich. 1920

WITHAM, R. L., Head, Electrical Engineering Dept., Sperry Gyroscope Co., Manhattan Bridge Plaza, Brooklyn, N. Y. 1914
WITHEY, M. O., Professor of Mechanics, University of Wisconsin, Madison, Wis. 1910
WITHROW, JAMES R., Professor and Head, Dept. of Chemical Engineering, Ohio State University, Columbus, O. 1907
WITMER, FRANCIS P., Director of Civil Engineering, University of Pennsylvania, Philadelphia, Pa. 1926
WOHLENBERG, W. J., Professor of Mechanical Engineering, Sheffield Scientific School, Yale University, New Haven, Conn. .. 1917
WOLFARD, N. ELLSWORTH, Associate Professor of Civil Engineering, University of Oklahoma, Norman, Okla. 1921
WOLFE, W. S., Chief Structural Engineer, Smith, Hinchman and Gryll, 800 Marquette Bldg., Detroit, Mich. 1916
WOOD, ARTHUR J., Professor and Head, Department of Mechanical engineering, Pennsylvania State College, State College, Pa. (*Member of Council, 1899–02; 1911–4.*) 1898
WOOD, E. H., Professor of Mechanics, Cornell University, Ithaca, N. Y. 1910
WOOD, K. D., Assistant Professor of Mechanics, Cornell University, Ithaca, N. Y. 1923
WOODROW, JAY W., Professor of Physics, Iowa State College, Ames, Ia. 1918
WOODSON, ASHBY, Professor of Engineering, Southwestern Louisiana Institute, Lafayette, La. 1925
WOODWARD, SHERMAN M., Professor of Mechanics and Hydraulics, State University of Iowa, Iowa City, Ia. (*Member of Council, 1913–6; 1926–0.*) 1910
WOOLEY, JOHN C., Professor of Agricultural Engineering, University of Missouri, Columbia, Mo. 1928
WOOSTER, L. F., Professor of Applied Electricity, Oregon Agricultural College, Corvallis, Ore. 1912
WOOTEN, LOUIS E., Assistant Professor of Civil Engineering, North Carolina State College, Raleigh, N. C. 1924
WORK, LINCOLN T., Assistant Professor of Chemical Engineering, Columbia University, New York City 1923
WORK, WILLIAM R., Professor and Head, Department of Electrical Engineering, Carnegie Institute of Technology, Pittsburgh, Pa. 1921
WRIGHT, EDWIN H., Professor of Civil Engineering, Tufts College, Tufts College, Mass. 1921
WRIGHT, M. BIRNEY, Instructor in Mechanical Engineering, Case School of Applied Science, Cleveland, Ohio 1929
WRIGHT, WINTHROP R., Professor of Physics, Swarthmore College, Swarthmore, Pa. 1928
WROTH, BENJAMIN B., Professor of Chemistry, Georgia School of Technology, Atlanta, Ga. 1924

WU, NG CHEE, Professor of Railroad Engineering, Tangshan University, Tangshan, North China 1923
WUNDERLEE, JAMES L., Instructor in Practical Mechanics, Purdue University, Lafayette, Ind. 1922
YATES, J. A., Head of Chemistry and Physics, Kansas State Teachers College, Pittsburg, Kans. 1924
YATES, VOLLIE R., Associate Professor of Mechanical Engineering, University of Vermont, Burlington, Vt. 1924
YOUNG, C. M., Professor of Mining Engineering, University of Kansas, Lawrence, Kans. 1907
YOUNG, C. R., Professor of Civil Engineering, University of Toronto, Toronto, Ont. 1914
YOUNG, EVERETT G., Research Professor of Railway Mechanical Engineering, University of Illinois, Urbana, Ill. 1922
YOUNG, GILBERT A., Head, School of Mechanical Engineering, Purdue University, Lafayette, Ind. 1907
YOUNG, L. H., Assistant Professor of Physics, Massachusetts Institute of Technology, Cambridge, Mass. 1928
YOUNGER, JOHN, Professor of Industrial Engineering, The Ohio State University, Columbus, Ohio 1925
ZAROBSKY, IVAN F., Acting Professor of Engineering Drawing, University of the City of Toledo, Toledo, Ohio 1928
DE ZAFRA, CARLOS, Director of Engineering Index Service, 29 West 39th Street, Assistant Professor of Mechanical Engineering, New York University, New York City 1924
ZELLER, JOSEPH W., Head, Department of Mechanical Engineering, Northeastern University, Boston, Mass. 1926
ZIMMER, ALBERT R., Associate Professor of Electrical Engineering, University of Toronto, Toronto, Ont., Canada 1923
ZIMMERS, P. J., Associate Professor of Education, Case School of Applied Science, Cleveland, Ohio 1927
ZORN, PAUL M., Supervisor of Education, The Southern New England Telephone Co., P. O. Box 1562, New Haven, Conn. 1926
ZUCROW, MAURICE J., 6183 North Winchester Avenue, Chicago, Ill. 1928
Total Members 2169

Recipients of Lamme Medal.

1928—GEORGE FILLMORE SWAIN, Professor of Civil Engineering, Harvard University.
1929—IRVING PORTER CHURCH, Emeritus Professor of Applied Mechanics and Hydraulics, Cornell University.

ADDRESSES UNKNOWN.

If you know the present addresses of the following members, please send them to the Secretary, F. L. Bishop, University of Pittsburgh, Pittsburgh, Pa.

ROBERT R. BROWN,	JOHN W. HEWES,	E. L. MCGRATH,
H. V. GUMMERE,	NATHAN HOWITT,	M. H. MERRY,
	G. F. NINDE.	

ADDENDA.

BRANIGAN, GEORGE F., Instructor in Machine Design, Kansas State Agricultural College, Manhattan, Kansas 1929

MESERVE, GEORGE H., Instructor in Drawing, Northeastern University, Boston, Mass. 1929

SLOANE, ALVIN, Instructor in Engineering Drawing, Massachusetts Institute of Technology, Cambridge, Mass. 1927

GEOGRAPHICAL DISTRIBUTION OF MEMBERSHIP.

ALABAMA

Auburn.—Barron, A. C., Poly. Inst.
Betts, R. A., Poly. Inst.
Callan, John A. C., Poly Inst.
Camp, E. W., Poly. Inst.
Dixon, S., Poly. Inst.
Elizondo, Y. A., Poly. Inst.
Fullan, M. T., Poly. Inst.
Hixon, C. R., Poly. Inst.
McKinnon, J. C., Poly. Inst.
Sahag, L. M., Poly. Inst.
Schubert, W. O., 418 N. Gay St.
Thomas, A. L., Poly. Inst.
Watwood, V. B., Poly. Inst.
Wilmore, J. J., Poly. Inst.
Tuscaloosa.—Davis, Geo. J., Jr., Pinehurst.

ARIZONA

Tucson.—Butler, G. M., Univ. of Ariz.
Clark, J. C., Univ. of Ariz.
Cunningham, J. B., Univ. of Ariz.
Ehle, Mark, Univ. of Ariz.
Kelton, F. C., Univ. of Ariz.
Leonard, Heman Burr, Univ. of Ariz.
Smith, J. W., Univ. of Ariz.
Thornberg, M. L., Univ. of Ariz.
Thornburg, P. M., Univ. of Ariz.

ARKANSAS

Fayetteville.—Farrar, C. L., Univ. of Ark.
Gladson, W. N., Univ. of Ark.
Kent, C. H., Univ. of Ark.
Richmond, R. F., Univ. of Ark.
Spencer, W. R., Univ. of Ark.
Stelzner, W. B., Univ. of Ark.
Stocker, G. P., Univ. of Ark.

CALIFORNIA

Berkeley.—Cory, C. L., Univ. of Calif.
Davis, R. E., Univ. of Calif.
Derleth, Chas., Jr., Univ. of Calif.
Langille, H. B., Univ. of Calif.
Le Conte, J. N., Univ. of Calif.
Raber, B. F., Univ. of Calif.
Claremont.—Taylor, Ed., Pomona College.
Coronado.—Crosby, W. W.
Davis.—Hoffman, A. H., Univ. Farm.
Walker, H. B., Univ. Farm.
Fresno.—Jourdan, J. W., 1002 Coast Ave.
Los Angeles.—Biegler, P. S., Univ. of So. Calif.
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Dunstan, G. H., Univ. So. Calif.
Eyre, T. T., Univ. of So. Calif.
Harvey, E. C., Bridge Dept.
Hedrick, E. R., Univ. of Calif.
Hunt, G. H., Univ. of Calif.
Turley, O. J., Hotel Knickerbocker.
Modesto.—Rose, F. O., Jr. College.
Oakland.—Hazeltine, Alan.
Palo Alto.—Hoskins, L. M., 1240 Waverley St.
Pasadena.—Converse, F. J., Inst. Tech.
Daugherty, R. L., Inst. of Tech.
Hinrichs, F. W., Jr., Inst. Tech.
Macarthur, J. R., Inst. of Tech.
Sorensen, R. W., Inst. of Tech.
Thomas, Franklin, Inst. of Tech.
Van Buskirk, H. C., Inst. of Tech.
Riverside.—Bliss, H. H., Junior College.
Sacramento.—Sellman, H. D., Jr. College.
Santa Ana.—DeLay, F. A.
Santa Clara.—Sullivan, Geo. L., Univ. of Santa Clara.
Stanford University.—Cross, C. N., Stanford Univ.
Domonoske, A. B., Stanford Univ.
Durand, W. F., Stanford Univ.
Fish, J. C. L., Stanford Univ.
Green, B. M., Stanford Univ.
Hall, H. J., Stanford Univ.
Hoover, T. J., Stanford Univ.
Marx, C. D., Stanford Univ.
Morgan, T. H., Stanford Univ.
Moser, Chas., Stanford Univ.
Ryan, H. J., Stanford Univ.
Thomas, E. C., Stanford Univ.
Washington, L., Stanford Univ.
Wegner, W. W., Stanford Univ.
Stockton.—White, C. L., College of Pacific.

CANADA

Alberta.—Morrison, I. F., Univ. of Alberta.
Halifax.—Sexton, F. H., Tech. Coll.
Montreal.—Campbell, Malcolm M., P. O. Box 885.
French, R. D., McGill Univ.
Frigon, A., Ecole Poly.
Jamieson, R. E., McGill Univ.
Johnson, F. M. G., McGill Univ.
Lafreniere, T. J., Ecole Poly.
Lefebvre, Olivier O., New Court House.
McBride, W. G., McGill Univ.
McKergow, C. M., McGill Univ.
MacKay, H. M., McGill Univ.
Murray, D. A., McGill Univ.
Stansfield, Alfred McGill Univ.
Ontario.—Howe, C. D., Whalen Bldg., Port Arthur.

Ottawa.—Boyle, R. W., Nat. Research Council.
Sackville.—McKiel, H. W., Mt. Allison Univ.
West, F. L., Mt. Allison Univ.
Saskatoon.—Mackenzie, C. J., Univ. of Saskatchewan.
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Dyer, F. C., Univ. of Toronto.
Haultain, H. E. T., Univ. of Toronto.
Mitchell, C. H., Univ. of Toronto.
Price, H. W., Univ. of Toronto.
Rosebrugh, T. R., Univ. of Toronto.
Smythe, R. E., 165 St. Clair Ave., E.
Stewart, L. B., Univ. of Toronto.
Young, C. R., Univ. of Toronto.
Zimmer, A. R., Univ. of Toronto.
Vancouver.—Brock, R. W., Univ. of B. C.
Duckering, W. E., Univ. of B. C.
Matheson, E. G., Univ. of B. C.
Turnbull, J. W., Univ. of B. C.
Wheatley, E. A., 930 Birks Bldg.
Walkerville.—Stone, E. A.
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COLORADO

Boulder.—Allen, F. G., Univ. of Colo.
Bauer, F. S., Univ. of Colo.
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Bro. A. Michael, Manhattan College.
Bro. Felix, Manhattan College.
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Bullock, W. E., 115 Broadway.
Burr, W. H., 120 Broadway.
Carty, J. J., 195 Broadway.
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Davis, H. L., 140 West St.
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Donald, W. J., 20 Vesey St.
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Dunn, H. H., 52 Vanderbilt Ave.
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Findley, W. G., Cooper Univ.
Fleming, Robins, 30 Church St.
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Gavett, Jos. W., Univ. of Rochester.
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Brown, Wm. H., Jr., State College.
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Dana, W. J., State College.
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Geile, W. G., State College.
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Dolve, R. M., Agri. College.
Rush, H. S., Agri. College.
Slocum, R. H., Agri. College.

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Griffin, F. S., Univ. of Akron.
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Luther, H. B., Univ. of Cin.
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Zimmers, P. J., Case School.

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Norman, Carl A., State Univ.
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Otter, J. V., State Univ.
Powell, R. W., State Univ.
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Stinson, K. W., State Univ.
Tang, K. Y., State Univ.
Turnbull, W. D., State Univ.
Watts, A. S., State Univ.
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Hartwich, F. C., Univ. of Dayton.
Hofman, G. A., St. Mary's College.
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Schad, B. T., Univ. of Dayton.

Granville.—Ebaugh, W. C., Dennison Univ.
Greenshields, B. D., Dennison Univ.

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Zarobsky, I. F., Toledo Univ.

Warren.—Foster, E. S., Packard Electric Co.

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Lloyd, T. C., Antioch College.
Morgan, A., Antioch College.
Nash, P. C., Antioch College.
Rathbun, J. C., Antioch College.

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Felgar, Jas. H., Univ. of Okla.
Maxson, G. R., Univ. of Okla.
Tappan, F. G., Univ. of Okla.
Wolfard, N. E., Univ. of Okla.

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Donnell, P. S., A. & M. College.
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Ullmann, H. M., Lehigh Univ.
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MacDougall, C. W., Lafayette College.
Merrick, C. M., Lafayette College.
Perry, Lynn, Lafayette College.
Plank, W. B., Lafayette College.
Prentice, D. B., Lafayette College.
Rockwell, E. H., Lafayette College.
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Reen, C. G., Gettysburg College.

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Ogburn, S. C., Bucknell Univ.
Rhodes, W. K., Bucknell Univ.
Shaffer, H. A., Bucknell Univ.
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McClelland, E. H., Carnegie Library.

McClintic, H. H., McClintic-Marshall Co.
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McCully, H. M., Carnegie Inst. Tech.
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McKenry, Nell, Univ. of Pgh.
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Riggs, Norman C., Carnegie Inst. Tech.
Rittman, W. F., Carnegie Inst. Tech.
Smith, J. Hammond, Univ. of Pgh.
St. Peter, W. N., Univ. of Pgh.
Stanton, Chas. B., Carnegie Inst. Tech.
Swartzel, Karl D., Univ. of Pgh.
Thomas, H. A., Carnegie Inst.
Trinks, W., Carnegie Inst. Tech.
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Weber, John, Univ. of Pgh.
Weiland, W. F., Univ. of Pgh.
Whited, E. W., Univ. of Pgh.
Work, W. R., Carnegie Inst. Tech.

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Sharon.—George, R. B., Westinghouse E. & M. Co.

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Beese, C. W., State College.
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Sackett, R. L., State College.
Shattuck, H. B., State College.
Stavely, Earl B., State College.
Wagner, C. C., State College.
Walker, E. D., State College.
Whitehead, L. W., State College.
Wood, A. J., State College.

Swarthmore.—Fussell, L., Swarthmore College.
Thatcher, C. G., Swarthmore College.
Walters, R., Swarthmore College.
Winde, N. R., Swarthmore College.
Wright, W. R., Swarthmore College.

Villanova.—Humphrey, C. T., Villanova College.

Wyomissing.—Carey, R. F.

PHILIPPINE ISLANDS

Manila.—Eaton, L. S., University.
Lopez, J. N.

PORTO RICO

Mayaguez.—Duffey, C. F., Box 143.
Mota, C. C., Univ. of P. R.
Whittemore, J. S., Univ. of P. R.

RHODE ISLAND

Kingston.—Anderson, Wm., State College.
Archibald, F., State College.
Brown, R. B., State College.
Randolph, J. R., State College.
Wales, R. L., State College.

Providence.—Berard, S. J., Brown Univ.
Bliss, Z. R., Brown Univ.
Bohl, L. T., Brown Univ.
Hall, Jas. A., Brown Univ.
Hill, J. E., Brown Univ.
Kenerson, W. H., Brown Univ.
Tompkins, F. N., Brown Univ.
Watson, A. E., Brown Univ.

SOUTH CAROLINA

Charleston.—Thomas, R. G., 19 Charles St.

Clemson College.—Carpenter, Edward L., Clemson College.
Curtis, D. D., Clemson College.
Earle, S. B., Clemson College.
Fernow, B. E., Clemson College.
O'Banion, A. L., Clemon College.
Rhodes, S. R., Clemson College.
Shenk, D. H., Clemson College.

SOUTH DAKOTA

Brookings.—Carter, H. S., State College.
Crothers, H. M., S. D. State College.

Rapid City.—Beebe, G. A., School of Mines.
Clark, E. E., School of Mines.
Dake, E. D., School of Mines.
Herald, W. F., Black Hills Util. Co.
Kammerman, J. O., Sch. of Mines.
Klingler, W. W., School of Mines.
O'Harra, C. C., School of Mines.
Watson, C. G., School of Mines.

Sioux Falls.—Rayl, F. V., Washington H. S.

Vermillion.—Akeley, L. E., Univ. of S. D.
Brackett, B. B., Univ. of S. D.
Brown, J. M., Univ. of S. D.
Davidson, M. W., Univ. of S. D.
Stocking, E. J., Univ. of S. D.

TENNESSEE

Knoxville.—Carpenter, E. L., Univ. of Tenn.

Carson, W. W., Univ. of Tenn.
Nashville.—Brown, W. B., Vanderbilt Univ.
Coolidge, W. A., Vanderbilt Univ.
Cushman, P. A., Vanderbilt Univ.
Herrington, J. A., Vanderbilt Univ.
Schuerman, W. H., Vanderbilt Univ.
Slack, E. P., Vanderbilt Univ.

TEXAS

Arlington.—McMurtray, H. D., Agri. College.
Austin.—Bantel, E. C. H., Univ. of Texas.
Benedict, H. Y., Univ. of Texas.
Brown, S. Leroy, Univ. of Texas.
Correll, J. A., Univ. of Texas.
Eckhardt, C. J., Univ. of Texas.
McLaurin, B., Univ. of Texas.
Taylor, T. U., Univ. of Texas.
Vallance, Alex, Univ. of Texas.
College Station.—Bagley, J. B., A. & M. College.
Bolton, F. C., A. & M. College.
Brewer, A. V., A. & M. College.
Burt, F. A., A. & M. College.
Crawford, Chas. W., A. & M. College.
Dillingham, H. C., A. & M. College.
Faires, V. M., A. & M. College.
Fouraker, L. L., A. & M. College.
Geist, G. A., A. & M. College.
Giesecke, F. E., A. & M. College.
Grinter, L. E., A. & M. College.
Hughes, M. C., A. & M. College.
Kerns, A. H., A. & M. College.
Markle, E. W., A. & M. College.
McCarter, W. W., A. & M. College.
McCosh, S. A., A. & M. College.
McNew, John T. L., A. & M. College.
Mitchell, Alva, A. & M. College.
Munson, Thurmond A., A. & M. College.
Orr, J. A., A. & M. College.
Palmer, C. C., A. & M. College.
Puryear, Chas., A. & M. College.
Richey, J. J., A. & M. College.
Rode, N. F., A. & M. College
Scoates, D., A. & M. College.
Silvey, O. W., A. & M. College.
Steel, E. W., A. & M. College.
Summey, Geo., Jr., A. & M. College.
Ward, R. P., A. & M. College.
Wingren, R. M., A. & M. College.
Dallas.—Campbell, R. D., So. Methodist Univ.
Flath, E. H., So. Methodist Univ.
Reed, K. W., Box 1106.
El Paso.—Marsh, M. R., College of Mines.
Houston.—Flagg, Ray.
Humphrey, H. K., Rice Institute.
Johnson, C. A., Great So. Life Bldg.
Pound, J. H., Rice Institute.
Ryon, L. B., Rice Inst.
White, W. E., Rice Inst.
Huntsville.—Mims, S. W.
Jefferson.—Braden, C.
Lubbock.—Boller, S. J., Tech. College.
Farris, M. E., Tech. College.
Miller, W. J., Tech. College.
Murdough, J. H., Tech. College.
Street, W. E., Tech. College.
Svensen, C. L., Tech. College.
Tuve, G. L., Tech. College.
Stephenville.—Doremus, H. C., Agri. College.

UTAH

Logan.—Israelsen, O. W., Agri. College.
West, R. B., Agri. College.
Salt Lake City.—Bacon, G. M., 86 B St.
Gibson, J. L., University of Utah.
Ketchum, R. B., Univ. of Utah.
Lewis, R. S., Univ. of Utah.
Lyman, Richard R., 476 S. Temple St.
Lyon, D. A., Univ. of Utah.
Merrill, Jos. F., 47 E. So. Temple St.
Pehrson, E. W., Univ. of Utah.
Taylor, A. L., 258 Univ. St.

VERMONT

Burlington.—Buchanan, R. O., Univ. of Vt.
Butterfield, A. D., Univ. of Vt.
Dickinson, L. P., Univ. of Vt.
Eckhardt, G. F., Univ. of Vt.
Lucarini, G. B., Univ. of Vt.
Puffer, L. B., Univ. of Vt.
Shorey, L. F., Univ. of Vt.
Sussdorff, E. L., Univ. of Vt.
Thomas, Evan, Univ. of Vt.
Votey, J. W., Univ. of Vt.
Yates, V. R., Univ. of Vt.
Enosburg Falls.—Towle, W. M.
Northfield.—Carleton, C. S., Norwich Univ.
Dix, L. E., Norwich Univ.
Emerson, W. D., Norwich Univ.
Winslow, A. E., Norwich Univ.
North Ferrisburg.—Breckenridge, L. P., The Brackens.

VIRGINIA

Blacksburg.—Barlow, W. E., Poly. Inst.
Begg, R. B. H., Poly. Inst.
Ellis, W. T., Poly. Inst.
Grenoble, H. S., Poly. Inst.
Jones, J. B., Poly. Inst.
Johnson, J. S. A., Poly. Inst.
Newman, C. M., Poly. Inst.
Norris, E. B., Poly. Inst.
Norton, P. T., Poly. Inst.
O'Shaughnessy, Louis, Poly. Inst.
Pritchard, S. R., Poly. Inst.
Sette, F. J., Poly. Inst.
Lexington.—Anderson, J. A., Military Inst.
Anderson, S. W., Military Inst.
Boykin, H. P., Military Inst.
Heflin, S. M., Military Institute.
Houston, Hale, Box 422.

Mallory, Francis, Military Inst.
Marr, R. A., Military Inst.
Poague, R. B., Military Inst.
Purdie, K. S., Military Inst.
Trinkle, R. J., Military Inst.
Watts, C. W., Military Inst.
Newport News.—Bailey, C. F.
University.—Bird, R. M., Univ. of Va.
Brown, F. L., Univ. of Va.
Daniel, C. M., Univ. of Va.
Henderson, C., Univ. of Va.
Hitchcock, L. B., Univ. of Va.
Johnson, H. P., Univ. of Va.
Macconochie, A. F., Univ. of Va.
Miller, Jas. S., Univ. of Va.
Newcombe, J. L., Univ. of Va.
Rodman, W. S., Univ. of Va.
Saunders, E. W., Jr., Univ. of Va.
Simpson, E. G., Univ. of Va.
Snavely, T. R., Univ. of Va.
Thornton, W. M., Univ. of Va.

WASHINGTON

Pullman.—Abell, A. C., State College.
Blake, D., State College.
Candee, F. W., State College.
Carpenter, H. V., State College.
Drucker, A. E., State College.
Parker, E. B., State College.
Phelps, H. E., State College.
Sloan, R. D., State College.
Snyder, M. K., State College.
Welch, F. W., State College.
Seattle.—Collier, I. L., Univ. of Wash.
Daniels, Joseph, Univ. of Wash.
Farquharson, F. B., Univ. of Wash.
Hall, Amy V., Univ. of Wash.
Hamilton, J. B., Univ. of Wash.
Magnusson, C. E., Univ. of Wash.
Miller, A. L., Univ. of Wash.
More, C. C., Univ. of Wash.
Roberts, Milnor, Univ. of Wash.
Warner, F. M., Univ. of Wash.
Wilcox, E. R., Univ. of Wash.
Wilson, Geo. S., Univ. of Wash.
Winslow, A. M., Univ. of Wash.
Yakima.—Richter, A. W., Price Mfg. Co.

West Virginia

Charleston.—Bridge, L. R.
Huntington.—Bragonier, A. T., Marshall College.
Montgomery.—Raub, L. G.
Morgantown.—Amidon, L. L., W. Va. Univ.
Boomsliter, G. P., W. Va. Univ.
Forman, A. H., W. Va. Univ.
Gill, J. H., W. Va. Univ.
Grow, G. W., W. Va. Univ.
Hayes, L. D., W. Va. Univ.
Jones, C. R., W. Va. Univ.
Maclin, E. S., W. Va. Univ.
Stone, H. E., W. Va. Univ.
White, B. S., W. Va. Univ.

WISCONSIN

Madison.—Bennett, Edw., Univ. of Wis.
Consoliver, E. L., Univ. of Wis.
Dawson, F. M., Univ. of Wis.
Day, H. P. S., 494 53d St.
Dorrans, Mr., Univ. of Wis.
Elliott, Benj. G., Univ. of Wis.
Hylan, P. H., Univ. of Wis.
Janda, H. F., Univ. of Wis.
Jansky, C. M., Univ. of Wis.
Kommers, J. B., Univ. of Wis.
Kowalke, Otto L., Univ. of Wis.
Larson, G. L., Univ. of Wis.
McCaffery, R. S., Univ. of Wis.
March, H. W., Univ. of Wis.
Maurer, E. R., Univ. of Wis.
Mead, D. W., Univ. of Wis.
Meyers, A., Univ. of Wis.
Millar, A. V., Univ. of Wis.
Orth, H. D., Univ. of Wis.
Owen, R. S., Univ. of Wis.
Price, J. R., Univ. of Wis.
Puerner, R. E., Univ. of Wis.
Ragatz, R. A., Univ. of Wis.
Roark, R. J., Univ. of Wis.
Rood, J. T., Univ. of Wis.
Tracy, G. F., Univ. of Wis.
Turneaure, F. E., Univ. of Wis.
Van Hagan, L. F., Univ. of Wis.
Ward, G. C., Univ. of Wis.
Watson, J. W., Univ. of Wis.
Watts, O. P., Univ. of Wis.
Wendt, K. F., Univ. of Wis.
Wilson, G. C., Univ. of Wis.
Wilson, L. A., Univ. of Wis.
Withey, M. O., Univ. of Wis.
Milwaukee.—Bliss, W. D., Tool Co.
Douglas, J. F. H., Marquette Univ.
Fick, A., Marquette Univ.
Frank, E. D. A., 1023 Shepard Ave.
Kane, E. W., Marquette Univ.
Kartak, F. A., Marquette Univ.
Perry, C. F., Milwaukee Public Schools.
Scrimshaw, S., Marquette Univ.
Wiepking, C. A., 3501 Clybourn St.
Oshkosh.—Walsh, F. W., State Teachers College.

WYOMING

Laramie.—Boyle, A. C., Jr., 162 N. 9th St.
Goodrich, R. D., Univ. of Wyo.
Guiteras, J. R., Univ. of Wyo.
Rhoads, R. L., Univ. of Wyo.
Sechrist, G. H., Univ. of Wyo.

CHINA

Nanking.—Chen, Yu Fong, Tech. College.
Shanghai.—Ely, J. A., St. John's Univ.
Tangshan.—Wu, Ng Chee, Tangshan Univ.
Tientsin.—Bouchard, Harry, Pei Yeng Univ.
Mao, T. E., Pei-Yang Univ.

ENGLAND

London.—Spooner, H. J., Poly. Sch. of Engineering.
Manchester.—Fleming, A. P. M., Metropolitan-Vickers Elec. Co.

FRANCE

Paris.—Reber, L. E., c/o National City Bank.

GERMANY

Baden.—Probst, Emil, Vorholzstrasse 2, Kalsruhe.

INDIA

Bombay.—Gokhale, G. V., C. E. College.
Byculla.—Nissar, A. R., Victoria Jubilee Tech. Inst.
Jamshedpur.—Bose, S. N., Tata Co., Ltd.

JAPAN

Tokyo.—Hirota, S., 22 Denyen-Chofu.

MEXICO

Coyoacan.—Campos, Raul, Gomez Farias.
Mexico City.—Cuevas, J. A., School of Eng.
Huacujo, F., Netzahualcoyotl 75.
Keller, W. A., Univ. of Mexico.
Tacubaya.—Bernard, M., Gelati 17.
Ramirez, J. P., Civilizacion 52.

RUSSIA

Leningrad.—Chatelain, M., Poly. Inst.

SPAIN

Madrid.—Navas, J. M., Po. del Prado 28.

SYRIA

Beirut.—Jurdak, M., American Univ.

TURKEY

Constantinople.—Scipio, L. A., Robert College.

GEOGRAPHICAL SUMMARY OF MEMBERSHIP.

Alabama	15	Montana	9	Wisconsin	45
Arizona	9	Nebraska	23	Wyoming	5
Arkansas	7	Nevada	3	Canada	36
California	48	New Hampshire	14	China	5
Colorado	39	New Jersey	53	England	2
Connecticut	48	New Mexico	8	France	1
Delaware	10	New York	292	Germany	1
Dist. of Columbia	15	North Carolina	33	Hawaii Territory	2
Florida	12	North Dakota	9	India	3
Georgia	21	Ohio	136	Japan	1
Idaho	9	Oklahoma	16	Mexico	6
Illinois	115	Oregon	18	Porto Rico	3
Indiana	91	Pennsylvania	191	Russia	1
Iowa	55	Philippines	1	Spain	1
Kansas	69	Rhode Island	13	Syria	1
Kentucky	25	South Carolina	8	Turkey	1
Louisiana	19	South Dakota	16		
Maine	24	Tennessee	8		2165
Maryland	14	Texas	60	Institutional Members	118
Massachusetts	176	Utah	11	Addresses Unknown	7
Michigan	85	Vermont	17		
Minnesota	77	Virginia	38	Total Membership	2290
Mississippi	7	Washington	24		
Missouri	44	West Virginia	13		

GROWTH OF INDIVIDUAL MEMBERSHIP.

Aug.	20, 1894.....	156	
Sept.	2, 1895.....	184	
Aug.	20, 1896.....	200	(about)
Aug.	16, 1897.....	203	
Aug.	18, 1898.....	226	
Aug.	17, 1899.....	238	
July	2, 1900.....	249	
June	29, 1901.....	261	
June	27, 1902.....	253	
July	1, 1903.....	271	
Sept.	1, 1904.....	325	
June	28, 1905.....	379	
July	2, 1906.....	400	
July	1, 1907.....	415	
June	27, 1908.....	675	
June	24, 1909.....	759	
June	23, 1910.....	848	
June	27, 1911.....1,071		
June,	1912.....1,102		
June,	1913.....1,158		
March,	1914.....1,339		
July	1, 1915.....1,452		
March,	1916.....1,504		
March,	1917.....1,505		
March,	1918.....1,506		
April,	1920.....1,511		
April,	1922.....1,589		
March,	1923.....1,694		
March,	1924.....1,775		
March,	1926.....1,988		
June,	1927.....1,995		
May,	1928.....2,025		
April,	1929.....2,086		
Nov.,	1929.....2,169		

MEETINGS OF THE S. P. E. E.

1893, July 30–Aug. 5	Chicago, Ill.*	I. O. Baker, Univ. of Ill. (Chairman, Section E.)
1894, Aug. 20–22	Brooklyn Polytechnic Institute, Brooklyn, N. Y.	DeVolson Wood, Stevens Inst. of Technology.
1895, Sept. 2–4	Springfield, Mass.	G. F. Swain, Massachusetts Inst. of Technology.
1896, Aug. 20–22	Buffalo, N. Y.	Mansfield Merriman, Lehigh Univ.
1897, Aug. 16–18	University of Toronto, Toronto, Ontario.	H. T. Eddy, Univ. of Minn.
1898, Aug. 18–20	Boston, Mass.	J. B. Johnson, Wash. Univ., Missouri.
1899, Aug. 17–19	The Ohio State University, Columbus, O.	T. C. Mendenhall, Worcester Polytechnic Inst.
1900, July 2–3	Columbia University, New York City.	I. O. Baker, Univ. of Ill.
1901, June 29–July 2	Buffalo, N. Y.	F. O. Marvin, Univ. of Kans.
1902, June 27–28	Pittsburgh, Pa.	Robert Fletcher, Dartmouth College.
1903, July 1–3	Niagara Falls, N. Y.	C. M. Woodward, Wash. Univ., St. Louis.
1904, Sept. 1–3	St. Louis, Mo.	C. F. Allen, Mass. Inst. of Technology.
1905, June 28–29	Atlantic City, N. J.	F. W. McNair, Mich. Coll. of Mines.
1906, July 2–3	Cornell University, Ithaca, N. Y.	C. L. Crandall, Cornell Univ.
1907, July 1–3	Case School of Applied Science, Cleveland, O.	D. C. Jackson, M. I. T.
1908, June 24–27	Detroit, Mich.	Chas. S. Howe, Case School of Applied Science.
1909, June 24–26	Columbia University, New York City.	F. E. Turneaure, Univ. of Wis.
1910, June 23–25	University of Wisconsin, Madison, Wis.	H. S. Munroe, Columbia Univ.
1911, June 27–29	Carnegie Institute of Technology and the University of Pittsburgh, Pittsburgh, Pa.	A. N. Talbot, Univ. of Ill.
1912, June 26–29	M. I. T., Harvard and Wentworth, Boston Mass.	W. G. Raymond, Univ. of Iowa.
1913, June 24–26	University of Minnesota, Minneapolis, Minn.	W. T. Magruder, Ohio State Univ.
1914, June 23–26	Princeton University, Princeton, N. J.	G. C. Anthony, Tufts College, Mass.
1915, June 22–25	Iowa State College, Ames, Ia.	Anson Marston, Iowa State College.
1916, June 19–22	University of Virginia, University, Va.	H. S. Jacoby, Cornell Univ.
1917, July 6–7	Washington, D. C.	G. R. Chatburn, Univ. of Neb.
1918, June 26–29	Northwestern University, Evanston, Ill.	M. S. Ketchum, Univ. of Colo.

* Meeting of Section E, Engineering Education, of the World's Engineering Congress, at which the S. P. E. E. was organized.

1918, December 6–7 *	Cambridge, Mass.	J. F. Hayford, Northwestern University.
1919, June 25–28	Baltimore, Md.	J. F. Hayford, Northwestern University.
1920, June 29–July 2	University of Michigan, Ann Arbor, Mich.	A. M. Greene, Jr., Rensselaer Polytechnic Inst.
1921, June 28–July 1	Yale University, New Haven, Conn.	M. E. Cooley, Univ. of Mich.
1922, June 20–23	University of Illinois, Urbana, Ill.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1923, June 20–23	Cornell University, Ithaca, N. Y.	C. F. Scott, Sheffield Sci. School of Yale Univ.
1924, June 25–28	University of Colorado, Boulder, Colo.	P. F. Walker, Univ. of Kans.
1925, June 16–20	Union College, Schenectady, N. Y.	A. A. Potter, Purdue Univ.
1926, June 16–18	State University of Iowa, Iowa City, Ia.	G. B. Pegram, Columbia Univ.
1927, June 27–30	University of Maine, Orono, Maine.	O. M. Leland, Univ. of Minn.
1928, June 26–29	University of North Carolina, Chapel Hill, N. C.	R. L. Sackett, Penna. State College.
1929, June 19–21	The Ohio State University, Columbus, Ohio.	Dexter S. Kimball, Cornell University.
1930, June 26–28	Ecole Polytechnique, McGill University, Montreal, Canada.	R. I. Rees, American T. & T. Co.

* Joint Meeting with the British Educational Mission to the United States. The meeting was called at the request of the Committee on International Relations of the American Council on Education.

ADMINISTRATIVE

EDUCATIONAL

Akeley, L. E.
Anderson, D. S.
Anderson, F. P.
Anthony, G. C.
Appleby, W. R.
Arduser, L. P.
Armsby, H. H.
Arnold, D. M.
Atkinson, T. W.
Ayer, F. E.

Baker, T. S.
Barnes, F. A.
Barney, E. S.
Barrett, S. K.
Bauer, W. C.
Benedict, H. Y.
Benton, J. R.
Bernard, Miguel
Bishop, F. L.
Bissell, G. W.
Boardman, H. S.
Bolton, F. C.
Bowman, John G.
Boyd, E. P.
Boyle, R. W.
Braune, G. M.
Brigman, B. M.
Brittain, M. L.
Brock, R. W.
Brooks, J. P.
Brodhead, J. A.
Bro. A. Michael
Busby, H. S.
Butler, G. M.

Capen, S. P.
Carey, R. F.
Carpenter, D. E.
Carpenter, H. V.
Carter, C. C.
Case, G. W.
Chambliss, Hardee
Chandler, E. F.
Chatburn, G. R.
Chen, Y. F.
Cloke, Paul
Cloyd, E. L.
Cobleigh, W. M.
Connelley, C. B.
Colston, A. L.
Coolbaugh, M. F.
Cooley, M. E.
Cory, C. L.
Coyle, J. L.
Crawford, I. C.
Creamer, W. J.
Crothers, H. M.
Cuevas, Jose A.
Cullimore, A. R.

Daggett, P. H.
Davies, C. E.
Davis, G. J.
Davis, H. N
Derleth, Chas.
Diederichs, Herman
Diemer, Hugo
Disque, R. C.
Distler, T. A.
Dobbs, F. E.
Donnell, P. S.
Dorroh, J. H.
Drucker, A. E.

Earle, Ralph
Earle, S. B.
Edmands, S. S.
Ell, Carl S.
Elliott, E. C.
Ely, John A.
Emerson, L. A.
Evans, F. H.
Evans, W. S.

Faig, J. T.
Farrell, F. D.
Felgar, J. H.
Ferguson, O. J.
Field, F.
Flath, E. H.
Focke, T. M.
Frampton, G. O.
Frazer, John
Freeman, W. E.
Frigon, Augustin
Fulton, C. H.
Furman, F. D.

Gauger, A. W.
Gibson, J. L.
Giesecke, F. E.
Gladson, W. N.
Goddard, R. W.
Gokhale, G. V.
Gough, A. C.
Gould, C. W.
Graham, W. P.
Greene, A. M.

Hammond, H. P.
Hance, J. H.
Hartman, F. M.
Hay, Earl D.
Haynes, Walter
Henderson, W. E.
Hewitt, C. E.
Hinrichs, F. W.
Hirota, S.
Hitchcock, E. A.
Holbrook, E. A.
Hollis, Ira N.
Hoover, T. J.
Hotchkiss, W. O.
Howe, C. S.
Hughes, H. J.
Hume, Alfred

Ihrig, R. M.

Jameson, J. M.
Jewett, A. C.
John, W. C.
Johndroe, S. G.
Johnson, C. A.
Jones, C. R.
Jordan, H. H.

Kapp, C. A.
Keller, A. R.
Ketchum, M. S.
Ketchum, R. B.
Kimball, D. S.
Koch, R. L.
Kolbe, P. R.

Langsdorf, A. S.
Lapham, J. R.
Laurence, J. C.
Lawrence, R. E.
Leland, O. M.
Lester, O. C.
Lory, C. A.
Lynn, A. E.

Macarthur, J. R.
Mackenzie, C. J.
Magnusson, C. E.
Mann, C. R.
Mao, T. E.
Marsden, R. R.
Marston, Anson
Matheson, K. G.
McCaustland, E. J.
McClelland, E. H.
McCourt, W. E.
McFarland, D. F.
Mees, C. L.
Merrill, J. F.
Millar, A. V.
Miller, W. J.
Mitchell, C. H.
Mitchell, Louis
Moody, H. W.
Morgan, A. E.
Morgan, J. R.
Mott, W. E.
Moyer, J. A.

Nash, P. C.
Neal, Y. A.
Needy, John A.
Newcomb, J. L.
Nichols, L. G.
Norman, J. W.
Norris, E. B.

O'Harra, C. C.

Pearson, R. A.
Peddle, J. B.
Pegram, G. B.
Pender, Harold
Penn, J. C.
Pettee, C. H.
Pettengill, T. E.
Potter, A. A.

Pratt, Charles
Prentice, D. B.
Pritchard, S. R.
Puryear, Charles

Randall, J. A.
Raymond, H. M.
Reber, L. E.
Rew, Irwin
Rhoads, R. L.
Richards, C. R.
Roberts, Milnor
Rogers, H. S.
Rockwell, E. H.
Rowe, J. E.
Russell, F. A.

Sackett, R. L.
Sadler, H. C.
Santo, J. H.
Schneider, Herman
Schuerman, W. H.
Scipio, L. C.
Seabury, G. T.
Seaton, R. A.
Sexton, F. H.
Shaad, G. C.
Shaw, H. B.
Short, R. L.
Sibley, F. H.
Skiles, W. V.
Sloan, R. D.
Snow, C. H.
Sobey, Albert
Spahr, R. H.
Spencer, R. L.
Steiner, Fr.
Stone, H. E.
Streubel, E. J.
Sullivan, G. L.

Taylor, T. U.
Thomson, F. A.
Thornton, W. M.
Thorogood, B. K.
Tryon, J. L.
Tudbury, C. W.
Turneaure, F. E.
Turnbull, J. M.
Turnbull, W. D.

Votey, J. W.

Wales, R. L.
Walters, Raymond
Wallace, L. W.
Warren, C. H.
Weed, J. M.
Wegle, J. C.
Wells, E. H.
West, R. B.
White, R. A.
White, W. C.
Whitehead, J. B.
Wickenden, W. E.
Williams, C. C.
Williston, A. L.
Wilmore, J. J.
Wing, F. H.
Winfry, R.

de Zafra, Carlos
Zimmers, P. J.

INDUSTRIAL

Aldrich, W. S.
Alford, L. P.

Bacon, G. M.
Bailey, C. F.
Ball, Max B.
Bergen, H. B.
Bose, S. N.
Bursch, W. O.

Carty, J. J.
Clapp, J. M.
Coburn, Theo.
Colby, W. C.
Coler, C. S.
Collyer, Norman
Cornell, M. L.
Crawford, D. F.
Crouch, C. H.

Davidson, F. A.
Davis, H. L.
Day, Charles
Day, Harold
DeLay, F. A.
Dibert, H. M.
Dietz, J. W.
Doherty, H. L.
Donald, W. J.
Dooley, C. R.
Dowd, W. E.
Doyle, F. B.
Drury, C. W.
Dunn, Harold
duPont, T. C.

Earle, Chester R.
Edgecomb, R. E.
Edwards, J. H.
Eshbach, Ovid W.

Farnham, G. W.
Fleming, A. P. M.
Flowers, A. E.
Foss, M. M.
Fry, T. C.

Gilchrist, J. F.
Griswold, R. G.

Hall, W. C.
Hamilton, E. P.
Hamilton, G. A.
Hammond, John H.
Hanley, F. B.
Haskell, L. S. J.
Hawkes, J. B.
Heck, C. R.
Herington, G. B.
Herr, E. M.
Howe, C. D.
Hurlbutt, F. L.

Jackson, John P.
Jenkins, F. R.
Jewell, A. H.
Jewett, F. B.

Keith, W. E.
Klopsteg, P. E.
Knowles, Morris
Krauss, J. E.

Lambert, L. S.
Lamkin, R. L.
Lewisohn, Sam A.
Lopez, J. N.
Lyford, O. S.

MacNaughton, Jas.
Main, C. T.
Macomber, G. S.
Mansfield, E. S.
Marcellus, J. B.
McClintic, H. H.
Means, L. H.
Mills, John
Milton, T.
Morey, C. W.
Morrow, L. W.

Nelson, W. M.

Olsen, Tinius
Osborne, L. A.

Parker, J. C.
Pennock, G. A.
Perry, F. G.
Pfeif, G. H.
Pinney, J. C.
Pitou, Eugene
Porter, J. F.
Potts, Clyde

Quigley, L. V.

Rees, R. I.
Richter, A. W.
Ridd, S. J.
Robinson, M. B.
Rorty, M. C.
Rosing, A. S.
Rugen, R. E.
Rugg, W. S.

Skinkle, J. W.
Smith, R. R.
Smythe, R. E.
Sprague, E. J.
Staley, A. C.
Steinman, D. B.
Stevens, A. C.
Stillwell, L. B.
Stone, C. W.
Stone, E. A.

Thomas, G. B.
Thompson, J. S.
Thomson, R. D.
Triest, R. M.
Turley, O. J.

Underhill, James

Veal, C. B.

Wadsworth, J. E.
Wagner, S. T.
Walt, J. C.
Walker, Amasa
Warren, G. E.
Weaver, L. H. A.
Weisiger, K.
Weston, Edward
Wheatley, E. A.

Whitmore, R. D.
Wiley, W. O.
Willard, F. W.

Zorn, Paul M.

AERONAUTICS

Chatfield, C. H.

Hoglund, G. O.

Klemin, Alexander

Schone, F. P.

AGRICULTURAL ENGINEERING

Aitkenhead, Wm.
Ayres, Q. C.

Baird, R. W.
Beresford, H.
Boss, Wm.
Brackett, E. E.

Davidson, J. B.

Fenton, F. C.

Neal, J. H.

Roe, H. B.
Romness, Julius

Schwantes, A. J.
Scoates, D.
Stewart, E. A.

Tyler, A. G.

Walker, H. B.
White, H. B.
Wooley, J. C.

ARCHITECTURE

Blakeslee, B. N.
Bradford, J. N.
Bragg, E. M.

Deneen, D. J.

Foster, W. A.

Geist, G. A.

Harris, C. L.
Helme, J. B.
Hoffman, A. H.

Lawson, W. P.
Lindblad, A. F.

Mann, F. M.
Morgan, N. D.

Norton, P. W.

Palmer, C. E.
Provine, L. H.

Stock, O. L.

Weigle, Paul
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CERAMICS

Bole, G. A.

Carruthers, J. L.

Watts, A. S.

CHEMICAL ENGINEERING

Baker, C. P.
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Bentley, W. J.

Ernst, R. C.

Hitchcock, L. B.

Jackson, D. D.

Kowalke, O. L.

Lorah, J. R.

Mann, C. A.
Maxwell, H. L.
McKee, R. H.
Montillion, G. H.
Montanna, R. E.
Morgan, J. J.

Ogburn, S. C.

Peffer, H. C.

Ragatz, R. A.
Rogers, Allen

Stewart, V. T.
Strahan, S. A. S.

Watts, O. P.
White, A. H.
White, John
Withrow, J. R.
Work, L. T.

CHEMISTRY

Bartow, Edward
Baxter, R. A.
Bird, R. M.
Brann, B. F.
Brautlecht, C. A.
Bray, P. D.

Carr, A. R.
Caulfield, J. G. L.
Chandlee, G. C.

Durkee, F. W.

Ebaugh, W. C.

Feusse, E. G.
Foulk, C. W.

Geiger, I. W.

Harding, E. P.
Heisig, G. B.
Homberger, A. W.

James, J. H.
Jenness, L. C.
Jenks, L. E.
Johnson, F. M. G.

Kenny, F. J.
Keyes, D. B.
Kirk, R. E.

Newman, A. B.
Newman, D. A.

Pond, F. J.

Schommer, J. J.

Ullman, H. M.

Veazey, W. R.
Von Ende, C. L.

Williamson, C. S.
Wilson, R. N.
Wroth, B. B.

Yates, J. A.

CIVIL ENGINEERING

Abbott, Robinson
Agg, T. R.
Allen, Chester
Allen, C. Frank
Allen, C. M.
Allison, W. H.
Alvord, Henry B.
Anderson, James A.
Andrews, C. B.

Babcock, John B.
Baird, Charles O.
Bantel, E. C. H.
Barnes, George E.
Barney, S. E.
Barron, A. C.
Barrows, H. K.
Bass, Frederic
Bates, Onward
Beebe, G. A.
Beggs, R. B. H.
Beggs, G. E.
Bergman, Elmer O.
Berry, E. F.
Beyer, A. H.
Bird, H. C.
Bishop, C. T.
Blanchard, A. H.
Boardman, H. P.
Boase, A. J.
Bohl, Leighton
Boon, Leonard F.
Boothroyd, S. L.
Bouchard, Harry
Bowler, Edmond W.
Bowman, Harry L.
Boyd, Alfred
Boykin, H. P.
Bradshaw, George W.

Brandes, Fred C.
Breed, C. B.
Brooks, John F.
Bro. A. Leo
Bro. Raymond
Brown, C. C.
Brown, J. M.
Brumfield, R. C.
Bulger, John W.
Burden, Harry P.
Burger, W. H.
Burr, Wm. H.
Butler, Joe B.

Callan, J. A. C.
Carleton, Charles S.
Carson, W. W.
Carter, Harold S.
Carter, Ike N.
Cary, Edward R.
Caughey, R. A.
Cissel, J. H.
Clarke, Elwyn L.
Clutz, Frank H.
Codwise, Henry R.
Collier, Ira L.
Conkling, L. D.
Conner, S. L.
Conrad, L. E.
Constant, F. H.
Converse, F. J.
Conwell, W. L.
Coolidge, W. A.
Costa, J. J.
Crandell, J. S.
Crane, Theodore
Crawford, W. W.
Crosby, W. W.
Cross, Hardy
Curfman, L. E.
Cutler, A. S.

Dake, E. D.
Davis, R. E.
Dawson, F. M.
Derby, Frank H.
Derickson, Donald
Diefendorf, Adelbert
Dodds, J. S.
Doremus, Hal C.
Douglas, Malcolm S.
Downing, Roderick
Drum, Martin L.
Duckering, W. E.
Dunham, Clarence W.
Dunstan, G. H.
Durst, Ross C.

Eastman, Robert F.
Eckel, C. L.
Eckhard, G. F.
Eddy, C. L.
Elbin, Guy H.
Emmons, W. J.
Eno, F. H.
Eriksen, Edward L.
Evans, Weston S.
Evinger, M. I.

Farnham, C. S.
Farquharson, F. B.
Felker, Everett J.
Fick, Adolph
Finch, James K.
Fish, J. C. L.
Fitterer, J. C.
Flanders, R. L.
Fleming, Robins
Fogg, R. J.
Foss, F. E.
Foster, W. L.
Fox, Fred H.
Frazier, F. F.
Freel, W. I.
French, A. W.
French, Owen B.
French, R. D.
Fuller, A. H.
Furr, M. W.

Garran, F. W.
Garst, H. O.
Gaum, C. G.
Geile, W. G.
Gilkey, Herbert J.
Gilmore, David P.
Gilmour, Walter A.
Gladney, T. G.
Goodrich, R. D.
Gram, L. M.
Gramstorff, Emil A.
Grandlienard, E. T.
Grant, Eugene L.
Greenshields, B. D.
Greve, F. W.
Griffith, D. M.
Griffith, J. R.
Grinter, L. E.

Haertlein, A.
Hall, S. G.
Hall, W. H.
Hamilton, James B.
Hammert, John L.
Harkness, D. H.
Harris, Walter B.
Hart, Clarence A.
Harvey, E. C.
Hatt, W. K.
Heck, Nicholas H.
Hendrick, T. K.
Hickerson, T. F.
Hill, H. M.
Hill, J. E.
Hoadley, A.
Holcomb, G. W.
Holden, C. A.
Holmberg, Carl H.
Holt, A. H.
Hooper, E. G.
Horton, Roland
Hosmer, Geo. L.
House, E. B.
Houston, Hale
Howard, J. W.
Howe, Jerome W.
Howell, E. V.
Howland, Warren E.
Hughes, C. A.
Huntington, W. C.
Hyde, A. L.

Ingram, E. L.

Jacoby, H. S.
Jamieson, R. E.
Janda, H. F.
Jett, D. B.
Johnson, A. R.
Johnson, C. C.
Johnson, L. J.
Jones, J. O.
Jourdan, J. W.
Judd, Horace

Kaulfuss, J. E.
Kelton, Frank C.
Kerekes, F.
Kesner, H. J.
Kindsvater, Emil F.
King, E. E.
King, H. W.
Kissam, P.
Kittredge, Ray B.
Klingler, W. W.
Klotz, Fred
Knight, Arthur J.
Krefeld, W. J.

Lafreniere, Theo. J.
Lambert, B. J.
Lamble, J. S.
Leavitt, Harold W.
Lefavour, Roland W.
Lendall, H. N.
Loebs, E. M.
Lohr, W. S.
Lommel, George E.
Lowe, T. M.
Luther, H. B.
Lyman, Richard R.

MacDonald, John
Mahone, L. W.
MacKay, H. M.
Maney, G. A.
Mann, C. L.
Marr, Robert A.
Marx, C. D.
Matheson, Ernest G.
McCandliss, L. C.
McCormick, R. L.
McCosh, S. A.
McCullough, F. M.
McIntyre, L. W.
McIntosh, W. R.
McKibben, F. P.
McLaurin, Banks
McLoughlin, F. O. X.
McNew, J. T. L.
McNown, W. C.
Merryfield, Fred.
Mickey, Clark E.
Miller, A. L.
Miller, Hugh
Mims, S. W.
Minshall, Robert E.
Mockmore, C. A.
Moore, G. R.
Moots, E. E.
More, Chas. C.
Morris, C. T.
Morrison, Roger L.
Morse, R. F.
Moser, Chas.
Mota, C. C.
Munson, T. A.
Murdough, J. H.
Murphy, Glenn

Neff, F. H.
Nesbitt, Russell B.
Nygard, Eric

Oakes, Herbert L.
Oliver, W. A.
Orr, J. A.
Ostrander, J. E.
Owen, Ray S.

Palsgrove, Grant K.
Patten, W. E.
Perry, John E.
Perry, Lynn
Petty, Benjamin H.
Phelps, H. E.
Pillet, Fred F.
Pond, M. A.
Prior, John C.
Probst, Emil
Puffer, Louis B.
Pyle, H. G.

Rader, Lloyd F.
Rathbun, John C.
Rayner, Wm. H.
Reed, Percy L.
Reen, Calvin G.
Rhodes, Leland S.
Rice, H. A.
Richey, J. J.
Richmond, A. P.
Riggs, H. E.
Robb, R. E.
Robbins, A. G.
Rodhouse, T. J.
Roehrig, G. F.
Rogers, H. S.
Rubey, H. K.
Russell, Frank A.
Ryon, Lewis B.

Sadler, Walter C.
Sarason, Samuel D.
Saunders, Edward W.
Saxton, Ren G.
Schad, Bernard T.
Schmidt, Edward C.
Schrader, Herman J.
Schwarze, C. T.
Shank, Jacob R.
Shattuck, H. B.
Shedd, Thomas C.
Sheiry, E. S.
Sherlock, Robert H.
Sherman, C. E.
Skelton, R. H.
Skene, Frederick
Sloane, R. C.
Slocum, R. H.
Smith, J. Hammond
Snow, F. C.
Snyder, M. K.
Sparrow, T. A.
Spencer, W. R.
Spoffard, C. M.
Sprague, Embert H.
Squire, E. J.
Stanton, Chas. B.
Stapley, Edward R.
Stephenson, S. A.
Stewart, L. B.
Stewart, L. O.
Stocker, George P.
Stocking, E. J.
Sutherland, Hale
Suttie, R. H.
Swain, G. F.
Sweetser, E. O.

Taylor, Herbert F.
Taylor, W. C.
Terrell, Daniel V.
Thoman, W. H.
Thomas, Earl C.
Thomas, Franklin
Thomas, H. A.
Thompson, G. S.
Thoroughgood, R. W.
Timby, E. K.
Todd, Marion W.
Tracy, J. C.
Trowbridge, D. S.
Turner, D. L.

Underwood, P. H.

Van Hagan, L. F.
Van Ornum, J. L.
Vawter, Jamison

Ward, G. C.
Waterman, I. F.
Watwood, V. B.
Weaver, Frederic N.
Wegner, W. W.
Weiss, Camillo
Welch, Frederic W.
Wells, Melville B.
Wendt, W. B.
West, F. L.
West, G. Alvin
Wheeler, William H.
White, C. L.
White, Leon V.
White, W. E.
Whitehead, L. W.
Wilcox, Elgin R.
Williams, S. N.
Williams, W. S.
Wilson, Wilbur M.
Winde, N. R.
Winslow, A. E.
Wise, J. A.
Wisler, C. O.
Witmer, Francis P.
Wolfard, N. E.
Wolfe, W. S.
Wooten, Louis E.
Wright, Edwin H.
Wu, Ng Chee

Young, C. R.

ECONOMICS

Bruce, Robert

Hall, O. F.

Kammeyer, J. E.

Mayer, Jos.
McKenry, Nell

O'Hara, J. L.

Pollay, F. J.

Scherger, G. L.
Snavely, T. R.

Tucker, D. S.

ELECTRICAL ENGINEERING

Abbott, T. A.
Adams, C. A.
Adams, F. J.
Ahlquist, R. W.
Albert, A. L.
Alexander, M. W.
Alger, Philip L.
Anderson, C. A.
Anderson, H. W.
Anderson, Stewart
Anderson, Wm.
Arnold, Bion J.
Arnold, James L.
Attwood, S. S.
Axman, Ernest

Bailey, B. F.
Ball, T. F.
Ballard, W. C.
Balmford, J. A.
Bangratz, Ernest G.
Barker, Joseph W.
Barnett, B.
Barrows, W. E.
Bason, G. F.
Baum, Harry
Beach, Robin
Beaver, J. L.
Beck, F. J.
Bennett, Edward
Berg, E. J.
Betts, R. A.
Bibber, Harold W.
Biegler, Philip S.
Bialock, Grover C.
Boring, Maynard M.
Brackett, B. B.
Brenneman, J. L.
Bristol, F. J.
Brooks, Morgan
Brown, H. A.
Brown, R. R.
Brown, Wesley B.
Browne, Wm. Hand
Bryant, J. M.
Buchanan, Roy O.
Buck, A. M.
Bullen, Chas. V.
Bullock, W. E.
Bureau, E. A.
Burkhart, Paul H.
Bush, Vannevar

Caldwell, F. C.
Campbell, Ivor S. C.
Canfield, Donald T.
Campos, Raul
Canavaciol, F. E.
Carr, Clifford, C.
Caverley, L. C.
Chatelain, Mikael
Clark, Edwin E.

Clark, J. C.
Clifford, H. E.
Conrad, A. G.
Coover, M. S.
Corcoran, George F.
Correll, J. A.
Creager, Paul S.
Creagmile, Wm. B.
Curry, W. A.
Curtner, D. L.
Cushman, Robert A.

Danilloff, M.
Dates, H. B.
Dawes, C. L.
Dawes, Lyman M.
Dearborn, R. H.
Dennison, B. C.
Dickinson, L. P.
Dillingham, H. C.
Doane, S. E.
Doggett, L. A.
Doherty, R. E.
Douglas, J. F. H.
Dow, W. G.
Dudley, A. M.
Duffey, C. F.
DuVall, W. Clifton
Dyche, H. E.

Eastom, Frank A.
Edison, Oskar E.
Emrick, Paul S.
Entwistle, J. L.
Estes, Phillip H.
Everitt, W. L.
Ewing, D. D.

Fairburn, A. J. B.
Farrar, C. L.
Fife, S. T.
Fish, F. A.
Fishman, S.
Fitzgerald, T. W.
Ford, Arthur H.
Forman, A. H.
Foster, E. S.
Fouraker, Leroy L.
Fouraker, R. S.
Frame, Floyd H.
Frazier, R. H.
Freeman, E. H.
Fussell, Lewis

George, Robert B.
Glendinning, William
Gorham, R. C.
Gounarides, Alex.
Grandy, L. S.
Gray, John C.
Gus, Charles E.

Hale, R. S.
Hall, Wesley B.
Halligan, Clair W.
Harding, C. F.
Hehre, Fred W.
Henline, H. H.
Herald, W. F.
Hershey, A. W.
Hessler, V. P.
Higbie, H. H.
Hill, A. S.

Hinckley, A. D.
Hitchcock, Leon W.
Howard, Paul F.
Hughes, M. C.
Hull, R. H.
Humphrey, H. K.
Hunt, O. D.

Irland, G. A.

Jackson, D. C.
Jackson, D. C., Jr.
Jacobus, D. S.
Jansky, Cyril M.
Jenkins, D. R.
Johnson, Elmer W.
Johnson, F. Ellis
Johnson, J. Hugo
Johnson, W. D.
Jordan, Henry G.
Jorgenson, L. M.

Kaestle, F. L.
Kammerman, J. O.
Kane, Edw. W.
Kartak, Franz A.
Kegerreis, Roy
Keller, William A.
Kennelly, A. E.
Kenrick, G. W.
Kent, J. M.
Kerchner, Russell M.
Kimberly, E. E.
King, Morland
Kinney, Edward E.
Kinsloe, Charles L.
Kloeffler, Royce G.
Knight, A. R.
Knight, C. D.
Knipmeyer, C. C.
Knipp, Charles T.
Knowlton, Archer E.
Koerber, G. A.
Krewatch, A. V.
Kurtz, E. B.

Lane, Henry M.
Lanier, A. C.
Lansil, Clifford E.
Lawrence, Ernest F.
Lawrence, R. R.
Laws, F. A.
Lefebvre, Olivier O.
Lincoln, P. M.
Little, Arlington P.
Lloyd, T. C.
Lovell, Alfred H.
Lovett, I. H.

MacKavanagh, T. J.
Marchant, G. B.
Markle, David L.
Markle, E. W.
Mars, Paul A. de
Maxfield, Harold A.
Maylott, C. F.
McClain, F. H.
McKiel, Harold W.
McNamara, F. T.
McNeely, John K.
Meserve, W. E.
Metzenheim, Henry H.
Meyers, Alvin

Miller, Harry P.
Mills, George H.
Moore, Arthur D.
Morecroft, J. H.
Morgan, T. H.
Moss, Sanford A.
Mueller, G. V.
Mulligan, J. E.
Munro, M. S.

Naeter, Albrecht
Nash, C. A.
Newell, Hobart H.
Newkirk, B. L.
Nims, A. A.
Nissar, A. R.
Norris, Ferris W.
Norris, H. H.

O'Banion, A. L.
Osgood, Farley

Paine, Ellery B.
Palmer, C. C.
Parker, George S.
Patterson, L. L.
Peet, J. C.
Phelon, J. O.
Pierce, C. A.
Porter, Roland G.
Powell, Albert P.
Powers, W. P.
Press, Abraham
Price, Harold W.
Price, John R.
Puchstein, A. F.
Pullen, M. W.
Pumphrey, F. H.
Putnam, R. C.

Ramirez, Javier P.
Rappel, U. J.
Reynolds, James A.
Rhodes, Sam R.
Rhodes, Walter K.
Richardson, D. E.
Richardson, G. R.
Ricker, Claire W.
Robb, Wm. L.
Roberts, Emerson B.
Roberts, E. L.
Rode, N. F.
Rodman, W. S.
Rollins, E. B.
Rood, J. T.
Rosebrugh, T. R.
Roters, H. C.
Rowell, L. D.
Roys, Carl S.
Rumsey, Paul T.
Rush, H. S.
Ryan, H. J.
Ryan, W. T.

Savant, D. P.
Schealer, S. R.
Scott, Charles F.
Sechrist, G. H.
Seeley, W. J.
Seyfert, S. S.
Shaffer, H. A.
Shepardson, J. E.
Sheppard, H. S.

Shorey, Lawrence F.
Simpson, Ewing G.
Slichter, W. I.
Smith, H. B.
Smith, Paul C.
Smith, W. L.
Snow, John E.
Sorensen, R. W.
Springer, F. W.
Stavely, Earl B.
Stelzner, W. B.
Stockwell, F. C.
Stout, M. B.
Strom, A. P.
Swenson, G. W.

Tang, K. Y.
Tappan, F. G.
Teeter, T. A. H.
Terwilliger, C. V. O.
Thaler, J. A.
Thompson, Gordon
Tilghman, Harrison
Timble, W. H.
Tingley, F. T.
Todd, M. E.
Tompkins, Fred. N.
Tracy, G. F.
Trinkle, Robert J.
Tucker, Carlton E.
Turner, C. A. P.
Tuthill, John K.
Tykociner, J. T.
Tyrrell, Henry G.

Upson, W. L.

Vallas, Miner H.

Waddell, J. A. L.
Wadsworth, F. L. O.
Walter, Otto W.
Walther, John T.
Ward, R. P.
Warner, Harry O.
Warner, Russell G.
Watson, Arthur E.
Watson, J. W.
Weinbach, M. P.
Weyl, Charles
Whipple, Clyde C.
Wildes, Karl L.
Willis, B. S.
Willson, F. G.
Wilson, A. M.
Winkfield, H. S.
Witham, R. L.
Woodson, Ashby
Wooster, L. F.
Work, William R.

Zimmer, Albert R.

ENGINEERING DRAWING

Allen, Frank G.

Baldwin, O. J.
Berard, S. J.
Brubaker, Wm. F.
Chillman, E. F.
Cooper, C. D.
Crossman, Ralph S.

Eckle, J. N.
Edgar, Robt. F.

Fairbanks, O. W.
Finch, F. R.
Freeman, M. L.
French, Thos. E.
French, R. W.

Gee, George B.
Gerardi, Jasper
Gleason, George S.

Harrington, T. H.
Heacock, Frank A.
Higbee, F. G.
Hoelscher, R. P.
Hood, Geo. J.
Howe, L. B.

Jorgensen, Albert

Kennedy, F. Lowell
King, Geo. C.
Kirby, Richard S.

Leighton, Arthur W.

Mann, Clair V.
Maxson, George R.
McCully, W. M.
Meserve, G. H.
Mitchell, Alva
Mock, C. O.
Morley, G. A.

Nielsen, Paul
Ninde, Geo. F.
Nollau, L. E.
Nudd, Willard E.

Orth, H. D.
Otter, J. V.

Phelps, Guy M.
Poague, R. B.

Raymond, A. T.
Richmond, R. F.
Russ, John M.

Salzer, G. W.
Schumann, Charles H.
Sloane, Alvin
Stone, O. M.
Springer, C. H.
Steward, R. K.
Stewart, Earl H.
Svensen, C. L.

Thomas, A. L.
Thomas, Chas. W.

Walker, E. S.
Walker, L. D.
Warner, F. M.
Williams, Owen E.

ENGLISH

Bebout, G. N.
Bennett, C. R.
Birk, W. Otto
Brackett, R. D.

Creamer, J. J.
Creek, H. L.

Davis, H. W.

Files, M. T.

Godfrey, W. P.
Gray, L. B.
Grismer, F. A.

Hall, Amy V.
Hall, H. J.
Harbarger, S. A.
Harrison, T. P.
Howell, A. C.
Hunt, Percival

Johnson, H. P.

Lange, P. J. H.

McDonald, P. B.
McKee, J. H.

Nelson, J. R.
Nesbitt, C. L.
Newman, C. M.

Park, C. W.
Pearson, H. G.

Raymond, F. N.
Raymond, W. R.

Scamman, W. F.
Seaver, H. L.
Seavey, F. E.
Smith, J. W.
Starbuck, Arward
Summey, George
Sypherd, W. O.

Thompson, K. O.

Whittemore, J. S.

FOREIGN LANGUAGES

Adams, E. L.

Cattell, J. L.
Crenshaw, J. B.

Foster, I. L.
Frey, Emil

Greiner, O. A.

Swanbeck, S. E.

INDUSTRIAL ENGINEERING

Ayars, W. S.

Baker, Ray P.
Barnes, R. M.

Beese, C. W.
Bliss, H. H.
Brill, P. B.
Bullinger, C. E.
Buxton, G. F.

Cook, A. L.

Ely, S. B.

Follows, G. H.
Furia, J. J.

Grenoble, H. S.

Hallock, J. W.
Harper, A. C.
Hart, S. T.
Hastings, H. B.
Hockema, F. C.

Ingalls, J. W.

Keller, J. O.

Lake, W. S.
Lee, M. A.
Lytle, C. W.

Maclin, E. S.
McDaniel, J. E.
McJoynt, T. L.
Montgomery, A. B.

Porter, D. B.

Reeves, E. H.
Rittman, W. F.
Roe, J. W.

Schlagenhauf, M. J.
Scott, L. C.
Scrimshaw, Stewart
Shepard, G. H.
Smith, E. D.
Swope, A.

Thuesen, H. G.
Towle, G. W.
Towle, W. M.

Ward, Samuel
Whited, E. Willis

Younger, John

MACHINE DESIGN

Archibald, Leon
Ashby, G. F.
Ault, E. S.
Autenrieth, G. C.

Bartlett, G. M.
Branigan, G. F.
Brattin, C. L.

Caywood, T. G.
Cheek, F. J.
Copley, J. O.
Coppersmith, C. W.

Dale, R. B.
Dunham, Heber
Durland, M. A.

Eggers, H. C. T.
Eidmann, F. L.

Farnham, W. E.
Fenwick, H. H.
Field, L. N.
Fry, H. P.
Fulian, M. T.

Gee, G. B.
Gill, J. H.
Gleason, G. S.
Gray, H. C.
Grover, A. L.
Grow, G. W.

Hall, R. A.
Hayes, L. D.
Huacuja, F.
Hylan, P. H.

Immediato, G.

Jett, C. C.
Jorgensen, Albert

Kirchner, W. H.
Kuhlman, J. H.

Langille, H. B.
Lee, F. H.
Lenning, C. K.
Lott, S. H.

Martenis, J. V. S.
Mayrose, H. E.
Melkiejohn, R.
Miller, H. W.
Mitchell, Alva
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Myers, H. D.

Navas, J. M.
Norman, C. A.

Orth, H. D.

Perry, R. V.
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Robert, J. M.
Rossmassler, Carl

Sahag, L. M.
Schuck, R. F.
Slaymaker, P. K.
Smith, W. G.
Smutz, F. A.
Stewart, E. H.
Stinson, K. W.
Strong, A. J.

Thomas, C. W.

Walsh, F. W.
Watts, E. F.
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Barker, C. L.
Beale, F. S.
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Berthet, Chas.
Bowersox, E. R.
Brandberry, J. B.
Brenke, W. C.
Brooke, W. E.
Brown, E. C.
Bullard, J. A.
Butterfield, A. D.

Comstock, C. E.
Corbin, C. E.
Crockett, C. W.

Dalaker, H. H.
Davis, E. P.
Denton, W. W.
Dix, L. E.
Dostal, B. F.

Field, Peter
Fisher, James
Flowers, R. L.

Garrett, L. E.

Hanna, U. S.
Hansen, A. S.
Harter, G. A.
Hartig, H. E.
Hatch, D. A.
Hazard, C. T.
Hedrick, E. R.
Herrick, C. A.
Herrmann, R. R.
Hobbs, A. W.
Holder, F. J.
Holman, W. F.
Hopkins, L. A.
Hoskins, L. M.
Hunt, G. H.
Hutchinson, C. A.
Hyde, Emma

Jordan, H. E.
Jurdak, M.
Justin, E. M.

Keenan, E. C.
Kersten, H. J.
Kiefer, E. C.
Krathwohl, W. C.

Leonard, H. B.
Lindsay, F. B.
Lyons, W. H.

MacDonald, S. L.
Marshall, Wm.
Marsh, M. R.
Martinson, E. P.
McClintock, W. M.
Miles, E. J.
Miller, F. E.
Morley, R. K.
Murray, D. A.

Nelson, W. K.

O'Shaughnessy, L.
Owens, F. W.
Owens, H. D.

Palmer, C. I.
Pehrson, E. W.
Plant, L. C.
Pickett, W. J.
Powell, R. W.
Purdie, K. S.

Remick, B. L.
Reynolds, J. B.
Rice, Harris
Richardson, M. R.
Rietz, H. L.
Risley, W. J.
Robison, G. M.
Root, R. E.
Rose, F. O.
Running, T. R.

Scherberg, Max
Shohat, J. A.
Siler, R. W.
Slobin, H. L.
Spear, Jos.
Swartzel, K. D.

Taylor, W. E.
Thomas, C. F.
Thomas, R. G.
Thompson, J. E.
Tyler, H. W.

Van Buskirk, H. C.
Vance, B. B.

Wagner, C. C.
Watts, C. W.
Weaver, J. H.
Weida, F. M.
Wells, E. D.
Wheeler, C. A.
Wilbur, W. E.

MECHANICAL ENGINEERING

Abell, A. C.
Alexander, W. J.
Allen, A. C.
Amidon, L. L.
Anderson, E.
Anderson, H. J.
Anderson, Robert M.
Anthony, R. L.
Archibald, Frank
Ashby, James C.

Baender, F. G.
Bagley, John B.
Baker, Douglas
Baker, Ellis C.
Barba, C. E.
Barclay, S. D.
Barnard, W. N.
Bateman, George F.
Bauer, F. S.
Bavly, D. M.
Beitler, Samuel R.
Berger, Franz A.
Berry, C. H.
Berry, Charles W.
Berry, H. C.
Bevan, W. A.
Billings, J. Harland
Billmyer, C. D.
Blackburn, H. W.
Blaisdell, A. H.
Blake, Douglas
Bliss, Collins P.
Bliss, William D.
Bliss, Z. R.
Blumberg, Leo
Bogard, Frank
Boggs, R. W.
Boller, Samuel J.
Bourke, Norman
Brainard, Boyd B.
Breckenridge, L. P.
Breedlove, L. B.
Brewer, A. V.
Bridge, L. R.
Brooks, J. Ansel
Brown, A. I.
Brown, Ralph E.
Bruckner, Arthur
Buchanan, J. E.
Bucher, Paul
Bunting, A. E.
Burley, J. W.
Burpee, F. E.
Bursley, J. A.
Butterfield, Thomas E.

Calderwood, Jas. P.
Cameron, Hugh
Camp, E. W.
Campbell, Malcolm M.
Campbell, R. D.
Candee, F. W.
Carpenter, Edward L.
Carpenter, L. G.
Carvin, Frank D.
Caton, John J.
Challender, Ralph T.
Chase, C H..
Chiles, George S.
Christie, A. G.
Church, Edwin F.
Cleghorn, M. P.
Clouse, J. H.
Clower, James I.
Coahran, J. M.
Cole, Arthur W.
Consoliver, Earl L.
Cooke, Morris L.
Cottrell, Samuel
Craig, Dudley P.
Crain, L. D.
Crawford, Charles W.
Creighton, W. H. P.
Crofoot, George E.
Cross, C. N.
Cruikshank, B.
Cushman, P. A.

Dana, W. J.
Daniel, Charles M.
Daugherty, Robert L.
Davidson, M. W.
Davis, David E.
DeBaufre, Wm. L.
De Juhasz, K. J.
Dent, J. A.
Denton, F. W.
Dirks, Henry B.
Dixon, Solon
Doll, Alfred W.
Dolve, R. M.
Domonoske, Arthur B.
Donovan, E. T.
Doolittle, J. S.
Dorrans, J. M.
Dudley, Samuel W.
Dunkin, William V.
DuPriest, John R.
Durand, W. F.

Eaton, Leon S.
Eckhardt, C. J.
Edwards, Oliver C.
Edwards, W. W.
Egilsrud, F. S.
Ekstrand, K. H.
Eldred, C. P.
Elizondo, Y. A.
Ellenwood, F. O.
Elliott, Ben. G.
Ellis, W. T.
Emswiler, J. E.
Endsley, L. E.
Estep, Thos. G.
Everett, H. A.
Eyre, T. T.

Faires, Virgil M.
Fairfield, John G.
Farris, Marshall E.
Fernald, E. M.
Fernald, R. H.
Fernow, B. E.
Ferretti, Alfred J.
Fessenden, Charles H.
Fessenden, E. A.
Fielding, John
Finnegan, Jos. B.
Fitts, Raymond U.
Fitzgerald, J. W.
Flagg, Ray.
Flodin, John
Folk, J. Thomas
Foster, J. M.
Frank, E. D. A.

Gaines, Benjamin F.
Garman, Warren D.
Garman, H. O.
Gauss, Henry F.
Gavett, Jos. W.
Gebhardt, G. F.
Geiger, John W.
Getchell, E. L.
Grant, Edward
Green, Boynton M.
Gregory, W. B.
Grimn, Fred S.
Groat, B. F.
Grone, Edward A.
Gulick, Lee N.
Gummere, H. V.

Hafford, W. B.
Hall, Burrill R.
Hall, James A.
Halliday, Wm. R.
Haney, J. W.
Harlan, Orlan K.
Harris, Harry E.

Hazeltine, L. A.
Head, Carl
Heck, Robert C. H.
Henderson, Charles
Herrington, John A.
Hesse, H. C.
Hixon, C. R.
Hobbs, George W.
Hoefer, E. G.
Hofmann, G. A.
Hollister, S. C.
Hood, O. P.
Hostetter, H. C.
Hotchkiss, C. H. B.
Howard, D.
Howell, R. S.
Hughes, George G.
Hughes, T. P.
Hunter, J. A.
Huntly, P. C.

Jablow, Charles
Jacklin, H. M.
Jacobus, David D.
James, Walter H.
Joerger, C. A.
Johnson, E. A.
Johnson, J. S. A.
Jones, J. B.

Kavanaugh, Dennis
Kavanaugh, W. H.
Keator, F. W.
Keeler, Hugh E.
Keller, George J.
Keller, John F.
Kemler, Emory
Kenerson, W. H.
Kent, B. C.
Kent, Clarence H.
Kiefer, P. J.
Kilpatrick, A. V.
King, R. S.
Klein, A. W.
Knapp, W. A.
Knight, W. A.
Kolb, R. P.
Kunkle, G. M.

Lambertine, J. A.
Landreth, Olin H.
Larkin, F. V.
Larson, C. W.
Larson, G. L.
Laton, T. J.
Leonard, S. J.
Le Page, C. B.
Leutwiler, O. A.
Lewis, J. F.
Light, J. J.
Lindell, W. F.
Lloyd, Harold R.
Lockwood, E. H.
Lockwood, H. J.
Lucarini, G. B.
Lucke, C. E.
Ludy, L. V.
Luebs, August A.
Lund, Jacob

Macconochie, A. F.
MacCullough, G. H.
Mack, A. J.
MacLean, Edward A.
MacNaughton, Edgar
Magruder, Wm. T.
Marker, J. R.
Marks, L. S.
Marquis, F. W.
Martin, W. H.
Mason, H. Lea
Mason, H. W.
Mayer, E. J.
McCabe, F. T.
McCann, Wm. R.
McCarter, W. W.
McCarthy, R. H.
McKeeman, C. A.
McKergow, C. M.
McKinnon, J. C.
Meeker, W. H.
Mehrhof, F. E.
Merriam, K. G.
Merrick, C. M.
Messersmith, C. W.
Miller, James S.
Ming, Fred W.
Mitchell, G. I.
Moody, L. F.
Moomaw, Dalton
Moore, H. F.
Morrill, J. B.
Morse, F. T.
Morse, J. L.
Morss, Everett
Moss, Lincoln D.
Mudge, S. W.
Munro, R. J.
Murrie, J. L.

Newton, Guy D.
Nicholas, John E.
Norton, A. E.

O'Brien, A. V.
Ohle, E. L.
Olson, O. A.
Orbeck, M. J.

Park, C. F.
Parker, Eri B.
Peebles, J. C.
Pence, W. D.
Philbrick, H. S.
Phillips, M. C.
Porter, Dwight
Porter, R. H.
Potter, Orrin W.
Pound, J. H.
Prageman, I. H.
Prime, A. C.
Prior, John A.

Raber, B. F.
Randolph, James R.
Raub, J. W.
Reed, K. W.
Reuling, W. E.
Richards, W. H.
Rittenhouse, L. H.
Roberts, Alex. P.
Robertson, B. J.
Robinson, L. T.
Roesch, Daniel
Roemmele, H. F.
Ross, John A.
Rowley, F. B.
Roys, Francis W.
Rubenkoenig, Harry

Sauers, John A.
Schell, F. B.
Schroeder, W.
Schweizer, Paul E.
Scofield, H. H.
Sellman, H. D.
Selvidge, R. W.
Setchell, Horace E.
Setchell, J. E.
Seward, H. L.
Shenk, D. H.
Shipley, S. C.
Shoop, C. F.
Shoudy, W. A.
Sink, R. S.
Sjogren, C. A.
Sluss, A. H.
Smith, Earl B.
Smith, Ralph A.
Solberg, H. L.
Spooner, H. J.
Stearns, Fred A.
Stetson, George A.
Stevens, W. J.
Stewart, F. C.
Stewart, F. R.
Stolworthy, E. H.
Street, W. E.
Stuart, M. C.
Summers, R. E.
Sussdorf, E. L.
Sweetser, W. J.

Taft, Theo. H.
Tait, R. S.
Taylor, A. L.
Thatcher, C. G.
Thornburg, M. L.
Thornburg, Paul M.
Thurston, E. D.
Trinks, W.
Turnbull, W. F.
Tuve, Geo. L.

Upp, C. R.

Vallance, Alex
Van Dyke, J. R.
Vanleer, B. R.
Vaughan, L. L.
Vedder, J. N.
Vose, F. H.

Walthers, H. V.
Washington, L.
Waters, E. O.
Watson, Harry D.
Weber, John
Weiland, W. F.
Wenk, Morris
Wharton, J. R.
Willard, A. C.
Willey, E. C.
Willis, P. A.
Wilson, B. J.
Wilson, G. C.
Wilson, G. S.
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Wingren, R. M.

Winslow, A. M.
Winston, S. E.
Wischmeyer, Carl
Wohlenberg, W. J.
Wood, A. J.
Wright, M. B.

Yates, V. R.
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Young, G. A.

Zeller, J. W.

MECHANICS AND MATERIALS

Boomsliter, G. P.
Booth, J. L.
Boyd, J. E.
Brown, F. L.
Bryans, W. R.

Chambers, S. D.
Church, E. F.
Churchill, H. D.
Clark, E. C.
Clark, L. W.
Coddington, E. F.
Comstock, E. H.
Conley, W. J.
Cornell, W. R.
Cox, W. J.
Curtis, D. D.
Cutshall, C. S.

Dana, F. C.
Danforth, R. H.
Dawley, E. R.
DeFoe, L. M.
Dietrich, J. J.
Draffin, J. O.
Duff, C. M.
Dukes, R. G.
Dyble, J. H.

Emerson, W. D.
Enger, M. L.
Ensign, N. E.

Fairman, Seibert
Folk, S. B.
Frocht, M. M.
Fuller, C. E.

Garrett, S. S.
Genz, H. E.
George, S. G.
Girvin, H. F.

Hartwich, F. C.
Hoffman, J. D.
Holmes, F. E.
Hudson, R. C.
Huntington, E. V.
Hustedt, H. F.

Johnson, J. R.
Johnston, W. A.
Jones, F. E.

Kingman, E. D.
Knowles, M. G.
Koenitzer, L. H.
Kommers, J. B.

Laurson, P. G.
LeConte, J. N.
Leigh, C. W.

Maurer, E. R.
Mavis, F. T.
Merry, M. H.
Morrison, I. F.

Nagler, F. A.
Norton, P. T.

Olmstead, C. T.
Othus, J. C.
Ott, P. W.

Palmer, J. C.
Paul, C. E.
Pearce, C. E.
Poorman, A. P.
Priester, G. C.

Rettger, E. W.
Riggs, N. C.
Rising, Justus
Roark, R. J.
Robert, J. H.

Sanders, W. B.
Sayre, M. F.
Scholer, C. H.
Seely, F. B.
Spieth, Benj.
Swinton, R. S.

Taylor, Edw.
Thomas, Evan
Tilden, C. J.
Timoshenko, S.
Trimble, R. M.
Trueblood, R. B.
Tucker, Leroy
Turner, W. P.

Van den Brock, J. A.

Wendt, K. F.
Wiepking, C. A.
Willmarth, E. H.
Withey, M. O.
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Wood, K. D.
Woodward, S. M.
Wunderlee, J. L.

METALLURGY

Barlow, W. E.
Boylston, H. M.
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Carpenter, A. H.
Crouse, C. S.
Cunningham, J. B.

Demorest, D. J.

Goodale, S. L.

Harder, O. E.
Hill, E. G.

Kern, E. F.
Kinney, E. D.

Lyon, Dorsey A.

Manderfield, N. H.
Mathewson, C. H.
McCaffery, R. S.

Palmer, H. A.

Stansfield, Alfred
Stoughton, Bradley

Warren, S. P.
Wells, A. E.

MINING AND GEOLOGY

Black, R. M.
Burt, E. A.

Callan, A. C.
Cobb, Collier

Dake, C. L.
Daniels, Joseph
Dunn, T. S.
Dyer, F. C.

Eckfeldt, Howard
Ehle, Mark

Gottsberger, B. B.
Gow, A. M.
Graton, L. C.
Grider, R. L.
Guiteras, J. R.

Haultain, H. E. T.

Jenkin, Anthony
Johnson, J. H.

Jones, J. C.

Lewis, R. S.
Locke, C. E.

MacDougall, C. W.
McBride, W. G.
McCaughey, W. J.
McLaughlin, D. H.
Miller, B. L.
Munroe, H. S.

Nicholson, H. P.
Nold, H. E.

O'Rourke, E. V.

Parker, W. H.
Plank, W. B.

Serviss, F. L.
Sperr, F. W.

Wagner, H. A.
Warner, R. K.

Young, C. M.

PHYSICS

Abbott, R. B.
Atkinson, A. A.

Bacon, G. P.
Ball, Albert
Bennett, D. M.
Bidwell, C. C.
Blake, F. C.
Bordner, E. R.
Bragonier, A. T.
Brightman, C. L.
Bro. Felix
Brown, F. L.
Brown, S. L.
Brown, W. F.

Charles, R. L.
Coolidge, J. A.
Cooper, F. L.

Dodge, H. L.
Drisko, W. J.
Duff, A. M.
Duncan, D. C.
Dysart, P. M.

Edwards, C. W.
Elliott, D. S.
Entwisle, F. N.
Erskine, H. E.

Farnham, F. C.
Ferry, E. S.
Fraim, P. B.
Franklin, W. S.
Fry, H. M.

Grandy, M. B.
Grantham, G. E.

Hall, V. B.
Ham, F. W.
Hamilton, J. O.
Hatch, F. M.
Hedrick, W. A.
Hausmann, Erich
Heflin, S. M.
Hodge, Percy
Hower, H. S.

Kovarik, A. F.

Lambe, E. P.

MacNutt, Barry
Mallory, Francis
McAllister, A. S.
McMurtray, H. D.
Merritt, H. W.
Miller, D. C.
Muney, V. E.

Norton, C. L.
Nyswander, R. E.

Perry, W. S.
Piper, F. F.
Porter, R. A.
Pupin, M. I.

Raub, L. G.
Rayl, F. V.

Severinghaus, W. L.
Sherman, G. W.
Silvey, O. W.
Slack, E. P.
Slack, F. G.
Smith, A. W.
Smith, T. T.
Spinney, L. B.
St. Peter, W. N.
Stempel, W. M.
Stewart, G. W.
Stewart, O. M.
Swaim, V. F.

Taylor, F. D.
Thomas, R. P.

Wade, F. H.
Watson, C. G.
Weaver, R. C.
Well, Joseph
Wheeler, N. E.
White, M. W.
Whittaker, A. E.
Wilcox, G. M.
Woodrow, J. W.
Wright, W. R.

Young, L. H.

PSYCHOLOGY

Charters, W. W.

Estes, S. G.

Findley, W. G.

Jackson, J. P.

Paterson, D. G.
Peterson, J. E.

Shaw, E. A.

Walters, J. E.

SANITARY ENGINEERING

Babbitt, Harold E.
Boyce, Earnest

Decker, A. J.
Doland, J. J.

Fair, G. M.

Greaves-Walker, A. F.

Hoad, W. C.

Israelsen, O. W.

Mead, D. W.

Saville, Thorndike
Sette, F. J.
Steel, E. W.

Talbot, A. N.

Walker, C. L.
Walker, E. D.
Waterman, E. L.
Wiley, R. B.

SHOP AND MECHANIC ARTS

Bigelow, R. G.
Boston, Orlan W.
Burley, J. W.

Carlson, W. W.

Dickor, J. B.

Graham, E. C.
Gwiazdowski, A. P.

Isenberg, D. A.

Jones, C. B.
Jones, E. C.

Lindley, R. W.
Lynch, D. E.

Maxfield, M. J.

Nightingale, W. E.

Perry, C. F.

Sellers, G. A.
Shane, Adolph
Slingesland, Samuel
Starr, C. J.
Steele, J. N.

Thomas, F. H.
Thomson, W. H.

Van Gaasbeek, R. M.

Wendt, R. E.

MISCELLANEOUS

Braden, C. C.

Hewes, J. W.
Howitt, Nathan

McGrath, E. L.

Zucrow, M. J.

OCCUPATIONAL DISTRIBUTION OF MEMBERSHIP.

Administrative	Educational	249
	Industrial	129
Aeronautics		4
Agricultural Engineering		18
Architecture		19
Ceramics		3
Chemical Engineering		25
Chemistry		35
Civil Engineering		371
Economics		10
Electrical Engineering		322
Engineering Drawing		60
English		37
Foreign Language		7
Industrial Engineering		43
Machine Design		68
Mathematics		100
Mechanical Engineering		380
Mechanics and Materials		95
Metallurgy		21
Mining and Geology		37
Physics		85
Psychology		8
Sanitary Engineering		17
Shop and Mechanic Arts		24
Miscellaneous		5
Total		2172

SUMMER SCHOOL FOR ENGINEERING TEACHERS.

HARRY P. HAMMONND, *Director.*

1927—Engineering Mechanics, Cornell University, and University of Wisconsin.
1928—Electrical Engineering, University of Pittsburgh, and Westinghouse E. & M. Company,
and
Physics, Massachusetts Institute of Technology.
1929—Mechanical Engineering, Purdue University.
1930—Civil Engineering, Yale University,
and
Drawing, Carnegie Institute of Technology.

CONSTITUTION.

ARTICLE I.

NAME AND OBJECTS.

1. The name of this organization shall be the Society for the Promotion of Engineering Education.

2. The objects of this Society shall be the promotion of the highest ideals in the conduct of engineering education with respect to administration, curriculum, and teaching work, and the maintenance of a high professional standard among its members. The means to this end shall include educational research, the holding of meetings for the reading and the discussion of professional papers, and the publication of papers, discussions, and communications as may seem expedient.

ARTICLE II.

MEMBERSHIP.

Membership in the Society shall be of two general classes, Institutional and Individual.

Institutional members shall be educational institutions giving instruction in engineering. They shall be represented at all meetings of the Society or its divisions by regularly appointed delegates, one for each institutional member concerned.

Individual membership shall be of two classes, Active and Honorary. It shall comprise those persons who occupy or have occupied responsible positions in the work of engineering instruction, engineering practitioners, and other persons interested in engineering education.

Honorary members of the Society shall be such persons as may be recommended by unanimous vote of the Council in a letter ballot to be taken by the Secretary on the recommendation of twenty members of the Society in the manner provided hereinafter for proposals for individual members. Councilors not heard from within one month from the date of mailing the ballots will be counted in favor of the candidate. Honorary members shall not have the right to vote, shall not be eligible to office, and shall not be required to pay any fees or dues.

A member in good standing may become a life member, exempt from all future payments for dues, by a single payment of an amount equal to twenty times the annual dues. Such payments received by the Society shall be placed in a separate fund known as the Life Membership Fund. The interest earned on this fund shall be used as current income.

Individual members who have been in good standing for twenty-five

years, or more, and have retired from active professional life, or who have reached the age of 65 years, may be designated life members by a vote of the Council. Such members shall be exempt from the payment of dues thereafter.

The name of each candidate for active individual membership shall be proposed in writing to the Secretary by two members by whom the candidate is personally known. The proposal shall state the qualifications on which it is based. The name of a candidate for institutional membership shall be proposed by any member familiar with the work of the institution, on receipt of an application signed by a responsible officer thereof. An affirmative letter ballot of three-fourths of those members of the Council whose votes reach the Secretary within one month from the time of sending out the name of the candidate shall elect. Such letter ballot elections, occurring before February 1, shall be credited to the previous annual meeting and dues shall date from that time; elections occurring after February 1 shall be credited to the next annual meeting and the dues for the remainder of the year shall be one-half the annual dues.

ARTICLE III.

Dues.

1. There shall be no admission fee.
2. The annual dues shall be as stated in the By-Laws.
3. Dues are payable in advance at the time of the annual convention, and become delinquent at the end of the fiscal year for which they are assessed. Dues of new members are payable at the time of election, and become delinquent at the end of the fiscal year within which the members are elected.
4. Members in arrears one year shall be retained on the roll of the Society, but shall not receive publications until such time as all arrearages are paid. Members in arrears two years, and who have been duly notified by the Secretary, shall be dropped from the roll of the Society until such arrearages are paid. The Secretary shall notify all members in arrears one month previous to the close of the fiscal year. The fiscal year shall terminate on the thirtieth day of June.

ARTICLE IV.

Officers.

There shall be a President, two Vice-Presidents, a Secretary, and a Treasurer.

ARTICLE V.

COUNCIL.

1. The Council of the Society shall consist of twenty-one elective members, one third of whom shall retire annually, and the officers and the past presidents of the Society.

2. Any individual member of the Society shall be eligible to election to the Council, provided that not more than one elective member shall be from the faculty of any one institution.

ARTICLE VI.

ELECTION OF OFFICERS AND MEMBERS OF THE COUNCIL.

1. The officers and one third of the elective members of the Council shall be elected from the individual membership by ballot of the Society at the annual meeting.

2. There shall be a Nominating Committee consisting of the past presidents and the seven elective members of the Council retiring the following year, provided, however, that if, of this committee, the number in attendance at any meeting be less than five, the President shall make appointments so as to form a committee of five. The Committee shall report to the Society, at the business session provided therefor in the program, nominees for offices for the ensuing year, and for councilors for three years, and for less periods to fill vacancies that may occur.

ARTICLE VII.

SECTIONS, BRANCHES AND DIVISIONS.

1. A Section of the Society may be formed by members in two or more institutions, or by the members within a prescribed territory. A Section may be formed in any locality by a temporary organization which shall become a duly authorized section of the Society upon the approval of the Council. Sections may determine their own form of organization, but shall operate in conformity with the Constitution and the By-Laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Sections shall be self-sustaining.

2. A Branch may be formed in any institution by a temporary organization which shall become a duly authorized Branch of the Society upon approval by the Executive Committee. Branches may determine their own form of organization, but shall operate in conformity with the Constitution and the By-Laws of the Society and shall make a report of their proceedings to the Secretary of the Society. Branches shall be self-sustaining.

Branches may coöperate with, or be a part of, other organizations having the same general purposes as this Society. The general purpose

of Branches is to extend the interest in, and the discussion of, questions relating to the teaching of engineering students and to bring to the Society at large, through its publications, the activities in all institutions that will be serviceable to the members of the Society.

3. Papers and discussions presented before Sections or Branches shall be the property of the Society and may be published as Society proceedings if authorized by the Publication Committee. Permission to publish elsewhere may be granted by the Council on condition that the Society receives proper credit.

4. When approved by the Council, Divisions may be formed by any group of members for the consideration of questions which relate particularly to that group.

ARTICLE VIII.

Meetings.

There shall be at least one annual meeting at such time and place as the Society at the preceding meeting, or the Council, if the Society does not act, may determine. There shall be sectional and branch meetings as the members of the different sections and branches may determine.

ARTICLE IX.

Publications.

1. The formal publications of the Society shall be a monthly journal to be published from September to June, inclusive, and a year book. The *Journal* shall contain the proceedings of the annual convention, and such other pertinent papers as may be submitted to, and approved by, the Publication Committee. A bound volume of the *Journal* for each current year shall constitute the *Proceedings* of the Society.

2. Each individual member, not in arrears, shall receive the *Journal*. Each institutional member shall be furnished with two copies of the *Journal* and two copies of the *Proceedings* of the Society.

Volumes of the *Proceedings* will be sold to members who subscribe for them at a cost to be determined each year by the Executive Committee. Subscriptions for the *Proceedings* must be received in advance by the Secretary on or before October 15 of each academic year.

ARTICLE X.

Amendments.

This Constitution may be amended by a two thirds vote of those present at any regular meeting of the Society, provided that all members have been notified of the proposed amendment by notices mailed from

the Secretary's office at least 30 days prior to the regular meeting at which action is had, and provided that the amendment shall have been approved by the Council by a two thirds vote of the members voting by letter or voice.

BY-LAWS OF THE SOCIETY AND RULES GOVERNING THE COUNCIL.

First. The officers of the Society shall constitute a committee to arrange for the annual meeting and to prepare a program for it.

Second. The President, the Secretary, and the Treasurer shall constitute an Executive Committee which shall have charge of all matters relating to the expenditure of money of the Society, the making of appropriations to committees and for other purposes, the making of contracts, the approval of bills, and also during the period between the meetings of the Council shall have charge of other business affairs of the Society.

Third. Expenditures of money may be made only in accordance with a definite appropriation or by direct vote of the Executive Committee.

Fourth. The annual dues shall be $5.00 for individual members, and $15.00 for institutional members.

Fifth. Reading of papers shall be limited to fifteen minutes each, or to such other time as may be designated by the Program Committee, and abstracts of papers of about three hundred words shall be printed when practicable, and distributed in advance to the members.

Sixth. The time occupied by each person in the extemporaneous discussion of any paper shall not exceed five minutes.

Seventh. The President, the Secretary, and the retiring president shall constitute a Publication Committee, of which the Secretary shall be chairman, to edit and to have charge of the publication of the monthly *Journal*.

Eighth. The subscription price of the *Journal* shall be three dollars per year, payable in advance.

Ninth. Additions or amendments may be made to these By-Laws at any regular meeting of the Society by a two thirds affirmative vote of the membership present at the business session, provided that the additions or amendments shall have been approved by a two thirds affirmative vote of the Council membership in attendance at the meeting, and shall have been recommended by that body for adoption.

PAST OFFICERS

Special Committee for Division E, Engineering Education, World's Engineering Congress, 1893.

IRA O. BAKER,* Chairman, HENRY T. EDDY,* Vice-Chairman,
WM. R. HOAG, Secretary, C. FRANK ALLEN, Sec'y, *pro tem.*,
MORTIMER E. COOLEY, SAMUEL W. STRATTON,
STORM BULL.*

PRESIDENTS

DE VOLSON WOOD,* 1893–4, ARTHUR N. TALBOT, 1910–11,
GEORGE F. SWAIN, 1894–5, WM. G. RAYMOND,* 1911–12,
M. MERRIMAN,* 1895–6, WM. T. MAGRUDER, 1912–13,
HENRY T. EDDY,* 1896–7, G. C. ANTHONY, 1913–14,
JOHN B. JOHNSON,* 1897–8, ANSON MARSTON, 1914–15,
T. C. MENDENHALL,* 1898–9, HENRY S. JACOBY, 1915–16,
IRA O. BAKER,* 1899–1900, GEORGE R. CHATBURN, 1916–17,
FRANK O. MARVIN,* 1900–1, MILO S. KETCHUM, 1917–18,
ROBERT FLETCHER, 1901–2, JOHN F. HAYFORD,* 1918–19,
CALVIN M. WOODWARD,* 1902–3, A. M. GREENE, JR., 1919–20,
C. FRANK ALLEN, 1903–4, MORTIMER E. COOLEY, 1920–21,
FRED W. McNAIR,* 1904–5, C. F. SCOTT, 1921–22, 1922–23,
CHARLES L. CRANDALL,* 1905–6, P. F. WALKER,* 1923–24,
DUGALD C. JACKSON, 1906–7, A. A. POTTER, 1924–25,
CHARLES S. HOWE, 1907–8, G. B. PEGRAM, 1925–26,
FRED. E. TURNEAURE, 1908–9, O. M. LELAND, 1926–27,
HENRY S. MUNROE, 1909–10, R. L. SACKETT, 1927–28,
D. S. KIMBALL, 1928–29.

VICE-PRESIDENTS

SAMUEL B. CHRISTY,* GEORGE F. SWAIN, 1893–4,
ROBERT H. THURSTON,* FRANK O. MARVIN, 1894–5,
FRANK O. MARVIN,* CADY STALEY, 1895–6,
JOHN GALBRAITH,* JOHN M. ORDWAY, 1896–7,
THOMAS C. MENDENHALL,* HARRY W. TYLER, 1897–8,
C. FRANK ALLEN, HENRY W. SPANGLER,* 1898–9,
ROBERT FLETCHER, CHARLES D. MARX, 1899–1900,
THOMAS GRAY,* ALBERT KINGSBURY, 1900–1,
STORM BULL,* CALVIN M. WOODWARD,* 1901–2,
JOHN J. FLATHER,* FRED W. McNAIR,* 1902–3,

* Deceased.

CHARLES L. CRANDALL,* JAMES C. NAGLE, 1903–4,
CLEMENT R. JONES, ELWOOD MEAD, 1904–5,
WILLIAM T. MAGRUDER, JOHN P. JACKSON, 1905–6,
R. C. CARPENTER, CHARLES S. HOWE, 1906–7,
CLARENCE A. WALDO, WILLIAM G. RAYMOND,* 1907–8,
MORTIMER E. COOLEY, OLIN H. LANDRETH, 1908–9,
ARTHUR N. TALBOT, ARTHUR L. WILLISTON, 1909–10,
MILO S. KETCHUM, WILLIAM KENT, 1910–11,
G. C. ANTHONY, F. B. GILBRETH,* 1911–12,
L. S. MARKS, F. W. SPERR, 1912–13.
H. S. JACOBY, D. C. HUMPHREYS, 1913–14,
H. H. NORRIS, C. RUSS RICHARDS, 1914–15,
G. R. CHATBURN, F. H. CONSTANT, 1915–16,
HOLLIS GODFREY, WM. M. THORNTON, 1916–17,
JOHN F. HAYFORD,* IRA N. HOLLIS, 1917–18,
JOHN T. FAIG, E. R. MAURER, 1918–19,
A. A. POTTER, F. P. McKIBBEN, 1919–20,
T. U. TAYLOR, H. S. EVANS, 1920–21,
H. J. HUGHES, E. J. McCAUSTLAND, 1921–22,
D. S. KIMBALL, F. G. HIGBEE, 1922–23,
H. S. BOARDMAN, O. J. FERGUSON, 1923–24,
R. S. KING, G. B. PEGRAM, 1924–25,
H. V. CARPENTER, F. P. McKIBBEN, 1925–26,
H. W. TYLER, W. S. RODMAN, 1926–27,
C. E. MAGNUSSON, THOS. E. FRENCH, 1927–28,
C. C. WILLIAMS, G. M. BRAUNE, 1928–29.

TREASURERS

STORM BULL,* 1893–5, ARTHUR N. TALBOT, 1902–4,
JOHN J. FLATHER,* 1895–9, FRED. P. SPALDING,* 1904–6,
CLARENCE A. WALDO, 1899–1902, ANSON MARSTON, 1906–7,
W. O. WILEY, 1907–.

SECRETARIES

JOHN B. JOHNSON,* 1893–5, CLARENCE A. WALDO, 1902–4,
C. FRANK ALLEN, 1895–7, MILO S. KETCHUM, 1904–6,
ALBERT KINGSBURY, 1897–9, WILLIAM T. MAGRUDER, 1906–7,
EDGAR MARBURG,* 1899–1900, ARTHUR L. WILLISTON, 1907–9,
HENRY S. JACOBY, 1900–2, HENRY H. NORRIS, 1909–14,
F. L. BISHOP, 1914–.

ASSISTANT SECRETARIES

L. H. HARRIS,* 1914–8,
NELL McKENRY, 1918–.

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* Deceased.

MEMBERS OF PREVIOUS COUNCILS.

Terms of Office Expired in 1894.

M. E. Cooley, H. T. Eddy, W. F. M. Goss,
W. R. Hoag, S. W. Robinson,* H. W. Spangler.
R. H. Thurston.*

Terms of Office Expired in 1895.

H. T. Bovey,* W. H. Burr, O. H. Landreth,
Mansfield Merriman,* W. G. Raymond,* G. F. Swain,
De Volson Wood.*

Terms of Office Expired in 1896.

I. O. Baker,* Storm Bull,* S. B. Christy,*
John Galbraith,* J. B. Johnson,* F. O. Marvin,*
C. D. Marx.

Terms of Office Expired in 1897.

H. T. Eddy,* J. J. Flather,* J. P. Jackson,
Albert Kingsbury, L. S. Randolph, S. W. Robinson,*
R. H. Thurston.*

Terms of Office Expired in 1898.

C. F. Allen, C. L. Mees, Mansfield Merriman,*
J. M. Ordway, W. G. Raymond,* Cady Staley,
R. S. Woodward.*

Terms of Office Expired in 1899.

Arthur Beardsley, Robert Fletcher, John Galbraith,*
William Kent, T. C. Mendenhall,* W. H. Schuerman,
M. E. Wadsworth.*

Terms of Office Expired in 1900.

Storm Bull,* L. G. Carpenter, Albert Kingsbury,
F. O. Marvin, R. B. Owens, R. L. Sackett,
R. H. Thurston.*

Terms of Office Expired in 1901.

T. N. Drown,* M. A. Howe, I. N. Hollis,
Gaetano Lanza, P. C. Ricketts, R. G. Thomas,
C. M. Woodward,

Terms of Office Expired in 1902.

Brown Ayres, G. W. Bissell, J. J. Flather,*
W. T. Magruder, F. W. McNair,* J. M. Porter,
A. J. Wood.

Terms of Office Expired in 1903.

C. F. Allen, D. C. Jackson, N. C. Ricker,
J. P. Brooks, Edgar Marburg,* A. L. Williston,
J. C. Nagle.

* Deceased.

Terms of Office Expired in 1904.

W. F. M. Goss, Thomas Gray,* D. C. Humphreys,
O. H. Landreth, W. G. Raymond,* L. E. Reber,
L. S. Randolph.

Terms of Office Expired in 1905.

Wm. Esty,* L. J. Johnson, W. M. Towle,
H. S. Jacoby, Elwood Mead, J. L. Van Ornum,
Edward Orton, Jr.

Terms of Office Expired in 1906.

John Galbraith,* Charles S. Howe, Walter M. Riggs,*
Frederick P. Spalding,* Henry W. Spangler,* Fred. E. Turneaure,
Herman K. Vedder.

Terms of Office Expired in 1907.

Thomas Gray,* James C. Nagle, William G. Raymond,*
Louis E. Reber, Arthur N. Talbot, Clarence A. Waldo,
Arthur S. Woodward,*

Terms of Office Expired in 1908.

Victor C. Alderson, Arthur H. Ford, H. P. Talbot,
Francis C. Caldwell, Henry S. Munroe, A. L. Williston,
Frederick W. Sperr.

Terms of Office Expired in 1909.

Charles F. Burgess, John F. Hayford,* Thomas W. Palmer,
Arthur M. Greene, Jr., Milo S. Ketchum, Joseph A. Thaler,
Henry H. Norris.

Terms of Office Expired in 1910.

Fred W. Atkinson, Walter B. Russell, William S. Franklin,
Mortimer E. Cooley, William Kent, Charles F. Scott,
Harold B. Smith.

Terms of Office Expired in 1911.

Lester P. Breckenridge, Lewis J. Johnson, William G. Raymond,*
Thomas Gray,* William T. Magruder, Herman Schneider,
Clarence A. Waldo.

Terms of Office Expired in 1912.

Frederick A. Goetze,* H. Wade Hibbard, Edw. R. Maurer,
Frank H. Constant, John H. Leete, John C. Ostrup,
Chas. Russ Richards.

Terms of Office Expired in 1913.

C. H. Benjamin, E. E. Brydone-Jack, John F. Hayford,*
G. W. Bissell, W. H. Creighton, C. Russ Richards,
H. W. Tyler.

Terms of Office Expired in 1914.

J. E. Boyd, F. L. Emory, J. A. L. Waddell,
C. H. Crouch, C. E. Magnusson, A. J. Wood,
H. H. Stoek.*

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* Deceased.

Terms of Office Expired in 1915.

F. L. Bishop,
G. R. Chatburn,
O. P. Hood,
G. D. Shepardson,
F. P. McKibben,
W. B. Snow,
J. C. Tracy,

Terms of Office Expired in 1916.

John F. Hayford,*
M. S. Ketchum,
F. P. Spalding,
A. S. Langsdorf,
H. W. Tyler,
P. F. Walker,*
S. M. Woodward,

Terms of Office Expired in 1917.

R. H. Fernald,
A. H. Fuller,
A. M. Greene, Jr.,
E. V. Huntington,
V. Karapetoff.
D. C. Miller,
W. M. Riggs,*

Terms of Office Expired in 1918.

L. P. Breckenridge,
C. L. Cory,
C. H. Crouch,
O. P. Hood,
J. B. Whitehead.
F. P. McKibben,
G. D. Shepardson,

Terms of Office Expired in 1919.

A. H. Blanchard,
W. H. Browne, Jr.,
T. E. French,
R. W. Gay,
A. A. Potter.
F. G. Higbee,
E. J. McCaustland,

Terms of Office Expired in 1920.

T. U. Taylor,
K. G. Matheson,
C. J. Tilden,
C. F. Scott,
L. M. Hoskins.
Frank Aydelotte,
W. E. Mott,

Terms of Office Expired in 1921.

Frederick Bass,
C. Francis Harding,
O. A. Leutwiler,
C. R. Mann,
W. J. Risley.
J. Raleigh Nelson,
F. L. Pryor,

Terms of Office Expired in 1922.

H. S. Boardman,
F. C. Bolton,
E. F. Coddington,
W. H. Kavanaugh,
W. S. Rodman.
C. C. More,
E. H. Rockwell,

Terms of Office Expired in 1923.

J. F. Merrill,
W. H. Timbie,
R. S. King,
J. H. Felgar,
J. C. Tracy.
L. L. Thurstone,
C. C. Williams,

Terms of Office Expired in 1924.

P. H. Daggett,
J. H. Dunlap,*
M. L. Enger,
J. C. L. Fish,
Morris Knowles.
O. M. Leland,
F. E. Giesecke,

Terms of Office Expired in 1925.

M. W. Alexander,
Edw. Bennett,
H. S. Evans,
E. A. Hitchcock,
G. C. Shaad.
H. J. Hughes,
C. E. Magnusson,

* Deceased.

Terms of Office Expired in 1926.

D. S. Anderson,
H. C. Berry,
W. N. Barnard,
F. A. Fish,
E. J. Babcock.*
Hugh Miller,
F. E. Seavey,

Terms of Office Expired in 1927.

W. E. Brooke,
G. M. Butler,
H. H. Jordan,
W. H. Kenerson,
W. E. Wickenden.
E. B. Norris,
Harold Pender,

Terms of Office Expired in 1928.

G. M. Braune,
B. M. Brigman,
W. C. Hoad,
J. A. Hunter,
R. I. Rees.
C. V. Mann,
C. H. Mitchell,

Terms of Office Expired in 1929.

Sada A. Harbarger,
W. K. Hatt,
E. R. Hedrick,
J. J. Richey,
S. M. Woodward.
R. A. Seaton,
J. W. Votey,

* Deceased.